## Sorgo Department.

#### National Sugar Growers' Association.

OFFICERS FOR 1884.
President—Norman J. Colman, St. Louis, Mo.
Vice Presidents—Capt. R. Blakely, Minnevice Presidents—Capt. R. Binacy, Billions, Sota; D. F. Kenner, Louisiana; X. K. Stout, Kansas; A. Furnas, Indiana; C. F. Clarkson, Lowe; A. J. Decker, Wisconsin; A. G. Wiltiams, New York; Dr. E. F. Newberry, Ill. Secretary—F. K. Gillespie, Edwardsville, Ells. Treasurer—J. A. Field, St. Louis, Mo.

#### That Sorghum-Lapping Fiend.

ED. RURAL WORLD: The question has been asked "What has become of that sorghum-lapping fiend of Bavaria, Kas?" Epithets and missiles are not and should not be encumbered with orand should not be encumbered with or-naments. It would have been more cuphonious to say Northern cane sirup tasting angel, but that would have been as insipid as corn sirup and would have dropped at the muzzle of the gun. This naked and bald-headed epithet traversed naked and bald-headed epithet traversed fillinois and Missouri and struck the target in Kansas. The epithet sorghum-lapping fiend is good, and its me. Colorado tramps begging through Kansas coined the epithet sorghum-lappers. They may some day become the dominant political party. Col. Colman is a sorghum lapper, Prof. Wiley is a sorghum lapper, and I am a sorghum-lapping fiend. I have been busily engaged in tracing the effects of sorghum diet on the body and the mind. It is conceded that diet modifies character and force. The diet modifies character and force. rice-eaters have a character of their own.
The savage, swift and tireless, derives his qualities from the game he had pursued before. The roast beef of old England and John Bull are cause and effect. Any person who will restrict his diet to beer, krout and limburger for a sufficient time, say two or three generations, will understand why the Dutch are Dutch. Any person can fill himself with potatoes and then soak the potatoes in Irish whiskey and will become for the time a Tipperary Irishman. Any person can aswallow a few frogs and float the frogs in wine and can contribute to French literstands with the potatoes in Irish whiskey and will become for the time a Tipperary Irishman. Any person can swallow a few frogs and float the frogs in wine and can contribute to French literstands and amphibians in Hugo's writings. Verne's writings, there are batrachians and amphibians in Hugo's writings. Sorghum is now influencing Kansas character and Kansas thought.

The general use of sorghum is recent, and it is rather soon to tree in the state of the property of the state of the position. Let it stand a few minutes, deposited. Let it stand a few minute will become, and while hot rub well with a stiff stand position, with wa

Kansas character and Kansas thought. The general use of sorghum is recent, and it is rather soon to trace its effects on the body and the mind, but nowadays if one wishes to make original discoveries it is no cessary to get up very early. It is true that the man who places a barrel of sorghum in his cellar influences the character of his children and of those yet unborn and the world will be a different world from what it would have been if he had never lived. As soon as completed, I hope to make a report on the "Results of Sorghum as Diet" which, I believe it is not vanity to say, will have as much value as the recent "Report of the Academy of Sciences on Sorghum." It would be a pleasure to dissect sorghum cadaver, and if I could find its brain, endeavor to determine whether its peculiar structure produced sorghum propensities, or whether sorghum tendencies caused its peculiar structure. I am not in the habit of waiting for opportunities to come to me and may manufacture a corpse for the purpose. It is said Indiana "stiffs" are much preferred by medical men. If the Commissioner of Agriculture would get some good from the sorghum appropriations, but it is said he is interested in Mexican products and reciprocity. of Agriculture would employ his expension this way the country would get some good from the sorghum appropriations, but it is said he is interested in Mexican products and reciprocity, and consequently antagonizes sorghum. If this is true he will of course refuse, and the only thing for sorghum men to do is to buy the Department of Agriculture from the Government and run it themselves. If another war should/locur between the United States and Mexico it is not impossible the Commissioner of Agriculture and his filnt lock might be found on the Mexican side, in that case the purpose. I hire a Brown or a Barlew Rotary Planter, prefer the latter because I can

ture and his fillit lock might be found on the Mexican side, in that case the purchase would be unnecessary. Sorghum has already had a marked influence on Kansas babies, they are not the same babies they used to be in the early times. I am a bachelor and am aware that I should speak cautiously about trifles of which I really know but little. I once came very near not being a bachelor, but she was ambitious. I was poor and she married wealth. He is now a government clerk with expensive habits and inadequate salary, and I am a sorghum lapping fiend. Such are the reversals Time brings, but there is a difference and distinction between sorghum children and human children. As the differences increase, they may result in a new race, having new virtues, new vices, new ideas and new forces. I think Mr. Deming will agree with me, and with this reinforcement I will face any opposition which I would dare to tackle alone. A Kansas senator said, in the Senate chamber, the Democratic party had the foot and mouth disease—when it opened its mouth it put its foot in it. This idea could not have originated with a ribbon cane senator. It could only originate with a sorghum senator of a State which makes sorghum enough to foot such a senator and 60,000 Republican majority. This shows conclusively that sorghum originates ideas and influences thought.

A. A. D. Bavaria, Kans.

There are many who are not purposed. I have a Brown or a Barlew Rota-ry Planter, prefer the latter because I can the ball with seed to with the seed by lates and fill them in the following in manner: Whittle out as many pegs at there are holes in a plate, make the pegs about an inch long, and about a stere are holes in a plate, make the pegs about an inch long, and about a sarge round as I want the seed hole, as a large round as I want the seed to late the pegs about an inch long, and about a sarge round as I want the seed to late the pegs about an inch long, and about a sarge round as I want the seed the pegs about an inch long, and about a sarge round as I w

ng h-

ange cane variety. Spring seems to be that being doubled in 1884. here; farming progressing rapidly. I think the motto should be quality not Honey Grove, Texas, March 12th.

an reply to a letter from Smith, Giford & Co., of Nashville, Tenn., Geo. W.
Gere, Esq., Pres. of the Champaign Sugar Works, said:
"Your favor of the 7th inst. is at hand.
The amount of sirup which you may exeacid in it is what makes it more healthy
than other sirups, and I find that in the
new kinds of cane, we have but little
acid, and if it is made right, it is good
enough without the use of chemicals.

As to coal oil barrels, or any other
hard wood, iron-hooped barrels, I
find they do not give satisfaction because
they leak.

TESTING SEEDS EDITOR RURAL WORLD: The article in RURAL of March 13th signed W. S., reflects my sentiments. I believe that the use of chemicals in the manufacture

TESTING SEEDS.

The best way to test seed is to count out a given number of grains and sprout them, by putting them in a dish, between two layers of cotton, and wetting some,

The best mill is the one that is stout The best mill is the one that is stout enough to get out the juice. I think there is no principle of evaporation that excels the old reliable Cook, for the making of a light sirup, and we must make it light in color to sell it well. My advice is, get a good mill and evapora-tor, house the same, keep everything clean, work no bad cane, especially frozen, filter juice well, reduce juice inside of sirup while hot, cool quick in small body, barrel after nearly cold, in soft wood barrels, cypress is the best; then if you don't have good sirup let me know.

Hastings, Neb., March 15, 1884.

#### Cleaning Evaporators.

EDITOR RURAL WORLD: I would say to Mr. P. E., of Fairville, Mo., that I clean my copper evaporator with sulphuric acid. Wash the pan clean, then add enough of the acid to wet the pan well where the sediment of lime is cleaned. It is travel of the pair with the sediment of lime is

but I certainly think that if this season is I have just finished swinging out a fine lot of nice light brown sugar on centrifugal made at the rate of 300 lbs. per day. My best melada made 61-2 pounds worth their weight in old iron. Just sugar per gallon. All who have seen it, pronounce it a grand success for Texas. My sngar was made from the Early Ornage gar was made from the Early Ornage gar was made from the best of the being doubled in 1881.

Sorghum Sugar-Profits of Raising Cane, Etc. In reply to a letter from Smith, Gifford & Co., of Nashville, Tenn., Geo. W.

you may safely calculate that at the proper period of maturity for sugar making the juice will show by analysis at least 10 1-2 per cent. of cane sugar and 21-3 per cent of other sugars, and not to exceed 11-2 per cent. of solids not sugar. not to exceed 1 1-2 per cent. of solids not sugar. By the two mill system and shot water bath between the mills, we, with ordinary good work, succeed in obtaining at least 60 per cent. of the weight of net cane in juice. By net cane I mean stripped and topped cane.

With juice of that quality and 60 per cent. of extraction, you can rely upon a product of from seventy to seventy-five pounds of sugar and from seven to seven

to ascertain the effect of the sorghum crop on the soil. The letters and statements are now in the hands of J. A. Field, of St. Louis, Treasurer of the National Cane-growers' Association; but I can give you concisely the substance of the information received upon that subject.

ject.
I have reports from persons who have I have reports from persons who have grown from two to seven successive crops of sorghum cane on the same tract of ground without the use of fertilizers or manures, and their universal testimony is, that it is the easiest and least injurious crop on the soll that they have ever raised. That it leaves the soil in better condition for other crops the any other crop they have ever the soll of the condition of the crops they are crops.

As an indication of the interest de-As an indication of the interest developed in sorghum culture, a charter has been granted to E. G. Bennett, Y. M. Rizer, T. J. Turley, W. W. Smith, and R. E. Haynes, all of Franklin. Under the name of the "Franklin Sugar and Sirup Mills," they will begin the manufacture of sorghum products as soon as arrangements can be completed, which will be in a short time. The building and machinery will require the

twenty years ago that the gums were more soluble than the sugar. On the contrary, we expect that getting rid of the gummy matters will be the chief drawback to the economical extraction of sugar by diffusion.—National Tribune.

#### Sorgo Notes.

—The London Economist draws attention to the decline in the price of sugar, which is now 1s 6d per cwt lower than which is now 1s 6d per cwt lower than last year at this time, notwithstanding the fact that the crops both in the East and West Indies are under the average. It finds the explanation in the exceptionally large yield of beet sugar on the continent and the great pressure to sell in Germany. There has been a progressive increase in the beet crop since 1879-80, when it produced 1,453,929 tons of sugar. The yield of 1882-83 was 1,146,—534 tons, and the estimate for 1883-4 is 2,240,000 tons. 2,240,000 tons.

-SORGHUM CULTURE ABROAD .- The Hon. S. H. Kenney, of Morristown, Minn., one day last month shipped 40,-000 pounds (about 700 bushels) of Early Amber cane seed to Russia, where it had being marketable articles, ready and fit for retail trade.

It might be well to mention in this connection that by no other process, except the Weber & Scovell process, is a marketable article of sugar made from sorghum cane.

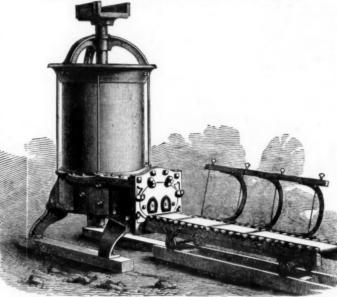
Yes, I have taken considerable trouble to ascertain the effect of the sorghum prop on the soil.

The latest that the province of Kriew. Efforts are also making to introduce sorghum culture in Turkistan, Asiatic Russia. And the Tropical Agriculturist, published at Columbo, Ceylon, devotes space to the sorghum sugar industry of this country, and discusses the question of its profit-able introduction into the tropics. Thus it appears that sorghum is making its way into other country.

stitute and adulterant for case molasses. It is difficult to estimate the quantity produced, as manufacturers are unwilling to supply the necessary data, but some idea of the importance of the industry may be gathered from the fact that the value of the annual product is estimated at \$10,000,000.

—Of late sugar has been cheaper than ever before, and present prices are remarkable low, although Chicago wholesale grocers have put figures up a fraction of a cent within the past week. There is now some prospect of a check to the sugar production of Germany. It is calculated, at the present rate of tax and drawback, the loss to the German treasury upon exports of raw and refined, is £1,750,900 a year, or over \$5,500,000. It is now proposed to increase the tax and reduce the drawback to a perfectly on the sugar production of the sugar production of the sugar production of the sugar production of Germany. It is calculated, at the present rate of tax and drawback, the loss to the German treasury upon exports of raw and refined, is £1,750,900 a year, or over \$5,500,000. It is now proposed to increase the tax and reduce the drawback to an extent that would bring the bounty upon exports paid by the reasury down to about £500,000, or \$2,500,000 per annum. This would increase the cost to the foreign buyer by about 1-2c per lb. and would put an end to the unhealthy stimulus under which the German sugar production has been growing during the loss caused by delay during a busy is of small importance compactly in the difference in cost between a cheapity-constructed and a strong, well adapted to steam and horse power machine. The capacity of a machine should be adapted to the wants of a neighborhood; that is to say, if a single-delivery machine, with its lesser like that can be sold to men who know know what tile should be. Poor tile can not be development and perfection of which goed ones. A machine for back goed ones. A machine for making tile should be is mich to staking up all leakage caused by wear, and have sufficient the stimulus under which the German sugar production has been growing during the past eight years, in which their crop has risen from 300,000 tons to 925,000 tons. The abnormally low prices of sugar all over the world can be directly traced to the present to sell this growth. traced to the pressure to sell this great mass of sugar in Germany.

EUREKA DRAIN TILE MACHINE FOR HORSE POWER.



Jum sugar industry of this country, and discusses the question of its profitable introduction into the tropics. Thus it appears that sorghum is making its way into other countries, and bids fair to become a valuable addition to the world's rural products.

—The amount of foreign molasses consumed in the United States during the year 1883 was 29,436,310 gallons, and of New Orleans molasses 18,966,755, making a total of 48,403,065 gallons of pure cane molasses, against 49,160,748 gallons in 1882, a decrease of 757,683 gallons. The average price of prime to choice New Orleans molasses in New York in 1883. The manufacture of glucose or corn sirup is an industry quite separate and distinct from the molasses. It is difficult to estimate the quantity produced, as manufacturers are unwilling to supply the necessary data, but some idea of the importance of the interval and otherwise belof to making tile that can be sold to men who know what tile should be. Poor tile can not produced and the advantage of being brain Tile, the first consideration is to making in the manufacture of supply left in the manufacture of supply in the menufacture of the profits of the missing in the manufacture of supply supply the necessary data, but some idea of the importance of the interval and the supply supply the necessary data, but some idea of the importance of the interval and the multacture of the profits of the supply supply the necessary data, but some idea of the importance of the interval and the multacture of the profits of the p In embarking in the manufacture of first cost and the advantage of being

### Small Farms-The Growing Hope.

It is gratifying to know that farms in this country, while increasing in number, are diminishing in size. This is the tendency in all parts of the land. Old plantations of the South are cut up into

time for the poor man to secure a foot-hold upon a covenient bit of soil, become a land speculator in a commendable way, and make a home for himself and his children before the competition for land shall crowd him to the wall of homeless-

changes in the season, the bug tribe, and wear of the soil will gormandize his labor.—Mrs. Mary E. Donley, in Iowa

#### Agricultural Notes.

A great many bones are wasted on every farm, which would make valuable fertilizing material, easily prepared for use. Procure an old pork or whisky barrel, and as bones accumulate, throw them in and cover them with unleached wood ashes. If the barrel stands in the weather, in a few months the bones will become friable, and easily converted into the best bone dust. If a quicker process the best bone dust. If a quicker process is required, burn the bones and crush

—In buying fertilizers, says the New England Homestead, see that they are in a thoroughly fine and pulverent condition. This is especially important with "bone" manures, in which the main source of phosphate acid is frequently in the form of ground South Carolina phosphate rock. The phosphoric acid in this form is quite as available as in the form of bone, provided the rock has been finely ground and thoroughly treated with acid. Most manufacturers appreciate the importance of this point, and ciate the importance of this point, make their goods as fine as possible

—Though corn should not be planted until the ground is warm, there is an advantage in early plowing, partly to give opportunity for warming the seed bed. Some of the very best crops have been grown on Fall-plowed land, with the manure spread on the surface during winter. The need for warmth in the seed bed makes a freshly turned furrow nosuitable for planting corn, though it is all the better for oats or barley. But, if corn ground is plowed early, cultivaif corn ground is plowed early, cultiva-tion, to mellow the seed bed, should be continued until planting time

The Boston Advertiser calls this the wire age. Sleeping, we repose on wire mattresses; eating, we take food sifted through wire sieves; calling, we pull wires; traveling, we go by cable or electric railways over wire bridges, and are hoisted by elevators hung on wires; we send messages over telegraph or telephone wires, and are lighted on our way by electric light wires; from ear windows we see miles of wire fences; our clocks are set by wires, our watches run by wires, our books are stitched with wife, our pictures hung by wires, and our our pictures hung by wires, an tics managed by wires.

—The opening, by railroad, of Mexico to our country makes more interest in her capacity. The wheat-growing area of Mexico, par excellence, extends from, say, from Pueblo nearly to Colima, about five hundred miles east and west, and from Southern Mioachan to Zacataces, about 400 miles north and south and from Southern Mioachan to Zacata-cas, about 400 miles north and south. This tableau is broken by mountain ranges into a number of rich districe es-pecially adapted for the growing of wheat, namely, the Lerma Valley, rough-ly 200 by 16 miles; the Bajio (Northern Michoacan, Jalisco and Southern Guan-siusto) 200 by 200 miles. Acquescelente Michoacan, Jansco and Southern Guan-ajuato) 200 by 200 miles; Aguascalentes, 50 by 50 miles; the San Luis Potosi and Querantero district, 150 by 30 miles Total, say 52,000 square miles. Of thi immense field of rich and arable land one-third, it is believed, could be readily put into wheat with due regard to to the agricultural interests of the countries. try.

—Experiments made by a few mem-bers of the Elmira Farmers' Club in the last three years seem to justify the con-clusion that sowing many varieties of grass seeds is the best way to secure even and full setting of grasses. A single trial made by President McCann with six varieties in the autumn of 1882, he pronounces the most satisfactory seeding in all his extended experience covering a long term of years. He found every foot of the ground completely occupied in the autumn of 1883 and all the grasses then standing went into the winter in fine condition. There is nothing new in this doctrine of seeding except as more varieties are embraced than in ordinary practice. Explanation of success may grass seeds is the best way to secure ev As a indication of the interest dewise for greater to E. Chemet's Germany.

Marker T. J. Turley. W. W. Smith, and the second of the "praints of the south are cut up in a contact of the praints of the praints of the cut contact of the praints of the south are cut up in a contact of the cut contact of th

### Che Shepherd.

Missouri Wool Growers' Association

OEFICERS FOR 1883-4.
President, J. M. Sneed, Sedalia, Mo.; Vice President, Samuel Jewett, Independen Mo.; Secretary, H. V. Pugsley, Plattsbu Mo.; Treasurer, N. H. Gentry, Sedalia, Mo.

#### St. Louis as a Wool Market.

Accurate official statistics show that

Accurate official statistics show that upwards of eighteen million pounds of wool arrived in St. Louis by river and rail during the season of 1883.

This amount of wool would make 900 car loads of 20,000 pounds to the car.

It has been assumed that Boston and Philadelphia were the only two large wool markets of the country—and it may perhaps be admitted that there was a time when such was the fact. But the Western and Southwestern wool growers Western and Southwestern wool growers have for some years been finding out that quick cash sales, smaller freight charges, and smaller handling charges, "panned out" better net returns than the Eastern cities gave with their nominally a little lights with the drawback. higher prices, but with the drawback of 60 to 90 day sales and their long list of charges including commissions, ranging from six per cent. to two cents per pound. charges including commissions, ranging from six per cent. to two cents per pound. At the same time manufacturers have been finding out that all grades of wool could be bought in St. Louis at all seasons of the year, until the many prosper-ous woolen mills of nearly all of the Middle States and many of the New England mills, will buy largely from

As an example of this, two million pounds of Missouri combing wool was sent direct from St. Louis to Manchester, N. H., in 1883.

N. H., in 1885.

The RURAL WORLD of December 20th and December 27th, 1883, published the experiences of some of the most intelligent and enterprising Missouri wool growers, which were eminently favorable to St. Louis, in comparison with Boston or any Eastern market.

We notice in this connection, that A. J. Child, of 209 Market street, has republished the above named letters in his Wool Circular for 1884, and we presume he would cheerfully mail his circular to any applicant who may have ovlerocked RURAL WORLD of December 20th

any applicant who may have ovlerooked or forgotten the testimouy given in those

letters.

We also have the experience of one St.

Louis dealer, who made an experimental
shipment of wool to Boston, and being
dissatisfied with the price there, had it
shipped back to St. Louis, and made a
profit over the Boston price by doing so!

pounds per. Judge Lawrence's average per fleece for California is under 3 pounds per fleece, while New Mexico and Texas averages at his estimate, is under 2

pounds per fleece. Such statistics are misleading, and therefore I send you the United States census report for 1880:

ADD TO QUANTITY BY DEALERS.

and Co fornia fall clip... 13,000,000 bs. of actor ranch sheep.... 34,000,000 f wool and fleeces of ghtered sheep...... 38,000,000

Grand total wool product. .240,681,751 Bs. I believe the above figures of 85,000,000

miners, to iron workers, and to persons miners, to iron workers, and to persons engaged in other industries. Because men have such employment they are able to buy blankets. Without it blankets might be much cheaper and yet be beyond the reach of multitudes of men and omen.—Orange County Farm.

Mr. Harpster of the Ohio Wool-grow-

ers' association is preparing an argument in favor of the restoration of duty on wool to the old rates. He will probaon wool to the old rates. He will probably appear before the ways and means committee, the day set apart for hearing the wool men. Judge Lawrence of the treasury department has been collecting some figures for Mr. Harpster's use. California leads all with nearly 9,000,000 sheep and an annual yield of 17,000,000 'pounds of wool. Ohto comes second with 5,000,000 sheep, but exceeds 000,000 pounds of wool. Ohlo comes second with 5,000,000 sheep, but exceeds second with 5,000,000 sheep, but exceeds all in wool production, aggregating over 25,000,000 pounds annually. Indiana with a million and a half sheep, raises 6,000,000 pounds. While Kentucky, with over 1,000,000 sheep, produces 5,000,000 pounds. Rhode Island and Delaware have the lowest figures—the former 17,—211 sheep and 65,000 pounds of wool, the latter a few thousand more of each. Massachusetts has about 75,000 sheep and produces but 300,000 pounds of wool, while Maine, Georgia, Iowa, Kansas, North Carolina, Tennessee, Utah, wool, while Maine, Georgia, Iowa, Kansas, North Carolina, Tennessee, Utah, Vermont, Virginia, West Virginia and Wyoming territory possess in the neighborhood of 500,000 sheep each. The states and territories owning a million sheep and over are Colorado, Illinois, Missouri, New York, Oregon, Pennsylvania and Wisconsin. Michigan has about 2,500,000 sheep with a wool clip of 12,000,000 pounds; but this is exceeded by New Mexico and Texas, which have nearly 4,000,000 each, with a production for the first named of 4,500,000 pounds. for the first named of 4,500,000 pounds and for the latter of 7,000,000 pounds. The total wool product of the United States in round numbers is estimated at

States in round numbers is estimated at about 175,000,000 pounds.

In view of the above showing some of the Democratic members from the other large wool-growing states think that the Ohio men are assuming a little too much prominence in their effort to represent the wool-growing districts of the country. This latest Ohio idea is received with comparatively little favor in either branch of congress and the effort of its advocates to show the extent of the advocates to show the extent of the wool production of the country only serves to bring out all the more plainly the weakness of their cause.

## The Pig Pen.

The Wool Product.

Gov. Colman: I notice in the Rural World of the 6th inst., an article from Judge Lawrence of the Treasury Department, giving number of sheep and wool grown in 1880 in the United States, which is very misleading. He is correct in number of sheep, but in pounds far from the mark. He gives as amount of wool produced from 43,000,000 sheep at 475,000,000, being an average of eleven pounds per head, which is over double the average per fleece; the average per fleece is under rather than over 41.2 pounds per. Judge Lawrence's average

—Exports of hog products have almost entirely ceased, owing to the rise of prices in our local markets and to the reduction in stock at Chicago, there being no pork 27,267 barrels less, in lard 8,508,000 pounds less, in bacon 2,590,000 in numbers and other meats 2,000,000 pounds less than during the corresponding month last year. Continental markets are well supplied with lard, however, as there are in stock at the five principal ports 45,500 tierces, as "against 29,006 tierces same period last year."

Breeding Sows.—In some timely

BREEDING SOWS.—In some timely hints for this month the American Cultivator says swine need dry pens well littered, at all times, but at this season of the year it is of the greatest importance. The breeding sows should be separated from the others long enough before farrowing time to get well used to their pens and to being without companionship. They should be kept as quiet as possible after the change, and should be accustomed to the presence of their keeper, and to being handled by him, as his services may be nedeed when the little pigs come. the little pigs come.

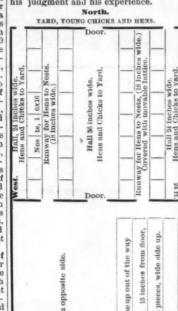
PIG PRESCRIPTION.—Under this heading Col. F. D. Curtis writes to the *Tribune*: "Farmers would be surprised I believe the above figures of 85,000,000 for fall clip, pulled wool and slaughtered sheep, is largely over estimated. Mr. Jas. Lynch, wool broker of New York, whose statistics are relied on as being as nearly correct, estimates the wool clip of the United States for 1880, at 232,500,000 pounds, and importation of foreign wool for 1879 at 64,903,018 pounds.

I would send you the number of sheep in each State and Territory, and wool produced by each, but fear it would take too much space in your valuable paper.

The number of sheep in Australia official report in 1881, was 74,437,266. The Australian wools come in competition with American fine, or clothing wools, and are produced at about the cost of herding and shearing, and the freights are little more from Australia to Bostom or York York than from Missouri. Con-

## Che Poultry Pard.

Will R. King, of Peabody, Marshall, Mo., takes a pride in every department of farm life, and aims to make his practice therein as near perfection as possible. A year ago we described his poultry house, and found it as a house and found it an acceptable item to poultry fanciers and breeders. Recently we wrote, asking had he matured an improvement on the old house, and if so, to be kind enough to send it



This house is 16x24 feet, and 8-foot walls, 1-3 pitch roof, eaves extended well over gables and side walls. Build box- the nearest druggist and will purify the sysover gables and side waits. Build box-house fashion, using for sills 2x6 inches, plate 2x4 inches, 8-inch joist stayed in centre, 2x4-inch ceiling joist, stayed to cover beams; for walls 12-inch boards, dressed on both sides; battens on outside, double lined with tar paper; walls and ceiling and ceiled dies; of purple sade, double fined with tar paper; wants and ceiling and ceiled floor of rough boards double lined with tar paper and covered with No. 3 flooring plank—have all of the plank used inside dressed. South and north door to have transoms over them, south end to have glass sash for winter, and Venetian blinds for sumer, a window at north end of each side. mer, a window at north end of each side

Have the work neatly and well done, and you will have a paying home for 50 to 60 chickens. Have in each, gable for ventilation, and openings in ceiling, to let hot air from rooms.

let hot air from rooms.

A member of the Western New York Farmers'Club, says that he would change flocks often. Brahmas are good, gentle, quiet, but persistent sitters. Likes Leghorns very well, but Plymouth Rocks suit best of all. Has a dozen hens which nearly keeps his family in eggs the year round. They are healthy; never had one sick. Brahmas were often sick. Would give a great variety of food; wheat screenings are good, with the exception of pickles. Plymouth Rocks are of good size, and their meat is good. Eggs are large and of good quality. There is a great difference in quality of eggs from different breeds. Food affects the quality of eggs.

## Che Apiary

with American fine, or clothing wools, and are produced at about the cost of with American fine, or clothing wools, and are produced at about the cost of sealing the control of the cost of the cost

prised at the little workers how fast the prised at the little workers how fast they can carry the feed down, taking it through the cloth, which I think is much the best plan. It has been my plan for the last thirty-five years to feed bees early as possible in spring, both sirup as well as artificial pollen. Rye flour, just, ground, not bolted, is good; oat meal finely ground is excellent, either of which can be fed in shallow boxes placed in some convenient dry place where the bees can visit it and gather it at will and pleasure, which they will do if a few pleasure, which they will do if a few drops of the oil, as before refined, too, is item to poultry fanciers and breeders.

Recently we wrote, asking had he matured an improvement on the old house, and if so, to be kind enough to send it us.

This he has very kindly done, and our readers have herewith the benefit of both his judgment and his experience.

North.

Tops of the oil, as before refined, too, is enice the little workers to partake more freely. And thus your stock of bees will increase rapidly, as well as enhance in value for the good of their keeper, and aid the bee-keeping interests of our behavior of the property to add many millions of pounds to the richest and best of all pounds to the richest and best of all sweets of Uncle Sam's already large and grand storehouse, in which there is yet room for millions more to be garnered for the good of her loyal subjects, at a comparative small cost. I am most sincerely the well-wisher and friend of all practical apiarians.—J. M. Hicks, Cincinnati Enquirer.

The new directory of Philadelphia contain the names of nearly 3000 Smiths.

George William Curtis is to deliver in Boston a public eulogy on Wendell Phillips. For Coughs and Throat Disorders use Brown's Bronchial Troches. "Have never changed my mind respecting them, except I think better of that which I began thinking well of.—Rev. Henry Ward Beecher. Sold

The negroes of Charlotte, N. C., have caught neetings daily.

Fifty of the one hundred members of the no religious preferences.

Eight Years' Scrofula Cured.—A valued cor respondent, Albert Simpson, Esq., writing from Peoria, Ill., says: "Samaritan Nervine cured me of scrofula, after having suffered ars with the disease." Mr. Simpson Peoria. Ask him. Your druggist

May 20, 1862, to the 30th of June last, 698,630 homesteads have been taken up by settlers.

or January show that the Canadian banks had \$19,346,687 employed in the United States. Come, Gentle Spring, and bring malaria, dyspepsia, biliousness, torpidity of liver and tem, correct the stomach and bowels, stim ulate the liver and kidneys to healthy action, remove all poisonous humors and make you feel like a new man. As a spring medi-cine, tonic and blood Purifier it has no equal-

A California millionaire cheated the Pro-bate Court out of its dues by giving all his property to his brother just before he died. His estate was therefore reported as being of A Genuine Tonic .- Iron and calysava bark

hall. Nest divisions 18 inches high, covered with board; side pieces 6 inches high, without bottoms, and set loose on floor that they may be taken out through roosting, roosts to be cleaned. Wire partition between roosting and laying no prominent druggist throughout the coun try is without it, so wide spread is the public demand for it. Iron of itself and calisaya bark as well—the two great specifics so much used-are very disagreeable medicines to take, and physicians often dislike to give

**FEVER** and **AGUE** Or CHILLS and FEVER,

AND ALL MALARIAL DISEASES.

The proprietor of this celebrated medi-cine justly claims for it a superiority over all remedies ever offered to the public for the SAFE, CERTAIN, SPEEDY and FERall remedies ever offered to the public for the SAFE, CERTAIN, SPEEDY and PERMANENT cure of Ague and Fever, or Chills and Fever, whether of shert or long standing. He refers to the entire Western and Southern country to bear him testimony to the truth of the assertion that in no case whatever will it fail to oure if the directions are strictly followed and carried out. In a great many cases a single dose has been sufficient for a cure, and whole families have been cured by a single bottle, with a perfect restoration of the general health. It is, however, prudent, and in every case more certain to cure, if its use is continued in smaller doses for a week or two after the disease has been checked, more especially in difficult and long-standing cases. Usually this medicine will not require any aid to keep the bowels in good order. Should the patient, however, require a cathartic medicine, after having taken three or four doses of the Tonic, a single dose of BULL'S SUGGETABLE FAMILY PILLS will be sufficient.

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Could not move I shrunk! From 227 lbs. to 120! I had been doctoring for my liver, but it did me no good. I did not expect to live more than three months. I began to use Hop Bitters. Directly my appetite returned, my pains left me, my entire system seemed renewed as if by magic, and after using several bottles I am not only as sound as a sovereign but weigh more than I did before. To Hop Bitters I owe my life." Dublin, June 6, '81. R. FITZPATRICK.

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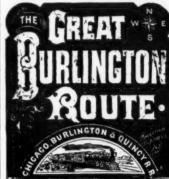
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The Turner Raspberry.

## Horticultural.

Judge Samuel Miller, Bluftton, Mo. will assist in conducting the Horticultural Department in this journal. Any inquiries addressed to him willoe promptly answered through the RURAL WORLD.

#### Patrick Barry.

The name of this great man is familiar to every fruit-grower in the United States. He is one of the fathers of the nursery business of this country. The firm of Ellwanger & Barry is known wherever fruit trees are cultivated, and everywhere esteemed for reliability, integrity and trustworthiness. Their business has been the largest in their line of any firm in this country. But Mr. Barry has not devoted all his time to his business. He has labored diligently to classify and systematize our fruits. his business. He has labored diligently to classify and systematize our fruits. He has done a great work for the cause of pomology and horticulture generally. He has tested varieties at great labor and cost, and recommended the good, and discarded the poor. The Prairie Farmer gives the following biographical history:

"Mr. Barry was born near Belfast, Ireland, in 1816. His father was a small farmer, but he gave the boy a good education, and at eighteen he was appointed to teach in one of the national schools. At the age of twenty he resigned his discarded the poor. The Prairie Farmer gives the following biographical history:

"Mr. Barry was born near Belfast, Ireland, in 1816. His father was a small farmer, but he gave the boy a good education, and at eighteen he was appointed to teach in one of the national schools. At the age of twenty he resigned his position, and came to America, where he began clerking in the Linnaan nurseries, at Flushing, L. I. During his stay of four years here he mastered the principles of the nursery business. In 1840 he moved to Rochester, and forming a partnership with Mr. Ellwanger, started the famous Mount Hope Nurseries. They began on a tract of but seven acres. In 1852 he also began editing the Horticulturist, then owned by Mr. James Vick. Mr. Barry's second great work, and the one involving most time and labor was the Catalogue of the American Pomological Society.

Mr Barry has long been President of

as trawberry, except that it is not as large as some, but in all other respects it is about perfect. I have the plants for sale of course, and will furnish the subscribers of the Rural World plants at reduced Society.

Mr Barry has long been President of the Western New York Horticultural Society. He is also a member of the Board of Control of the New York Experiment Station. He has served several terms in the city council of Rochester and in the Board of Supervisors of the county. Mr. Barry is an active business man and besides his great labor in conducting the nursery affairs, he discharges the duties of President of many corporate enterprises in which he has large financial interests. Mr. Barry was happily married in 1847, and the amiable sharer of his hardships and his successes is still living."

Astrawoerry, except that it is not as large as some, but in all other respects it is about perfect. I have the plants for sale of course, and will furnish the subscribers of the RURAL WORLD plants at reduced prices. Catalogue price, \$1 per dozen; I will send these at 50 cents per dozen. I will send these at 50 cents per dozen. I have no melon seed for distribution this season, but have purchased of some of the best new ones, and can supply seed prices. Catalogue price, \$1 per dozen; I will send these at 50 cents per dozen. I have no melon seed for distribution this season, but have purchased of some of the best new ones, and can subscribers to the RURAL WORLD plants at reduced prices. Catalogue price, \$1 per dozen; I will send these at 50 cents per dozen; I will send these at 50 cents per dozen. I have no melon seed for distribution this season, but have purchased of some of the best new ones, and can subscribers to the RURAL WORLD plants at reduced prices. Catalogue price, \$1 per dozen; I will send these at 50 cents per dozen; I will send these at 50 cents per dozen; I will send these at 50 cents per dozen; I will send these at 50 cents per dozen; I will send these at 50 cents per dozen. I will send these at 50 cents per dozen. I will send these at 50 cents per dozen. I will send these at 50 cents per dozen. I will send these at 50 cents per dozen. I will send the send to course, and will furnish the subscribers of th

That the possibility for improvement in the potato is greater than that of any other farm crop, is evident, but that effort at improvement must constantly be in progress, to keep them up to their present high standard or advance them beyond, is absolutely necessary. The potato has been gradually and steadily improved from a "tiny little root" as its parent, to the large, beautiful tubers grown at the present day; yet, whatever care, selection and cultivation has done for them, it has never been able to eradicate that inclinatition to rerevert to its national condition, which inclination is manifest to a greater or less extent, everywhere in the vegetable kingprovement must constantly be in progress, extent, everywhere in the vegetable king-dom; and, as in the case of the potato, the greatest care and most careful cultithe greatest care and most careful culti-vation will not suffice to keep them from deteriorating, although it will, to a cer-tain extent arrest and delay the process. But thanks to an allwise Providence, who has provided, and the researches of man, deteriorating, although it will, to a certain extent arrest and delay the process. But thanks to an allwise Providence, who has provided, and the researches of man, who has discovered, a way not only to keep the species to its present high standard but gradually advance it beyond. We refer to our knowledge of the way or power to create new varieties. The medium employed is the seed ball. The medium employed is the seed ball. The time seed which the ball contains is shough growing a crop of tubers, which above, but failed to grow them from a some cause, since then have seen conflicting opinions as to the value of the fault, so that I have not cared much about it.

But as a fast growing tree to make valuable timber there is no disputing. The mulberry is very valuable as timber for posts, as we find trees laying on the greatest vigor or the best quality will assent the same as the growth form the crop is harvested, which is a motley one cause, since then have seen conflicting opinions as to the value of the fruit, so that I have not cared much about it.

But as a fast growing tree to make valuable timber there is no disputing. The mulberry is very valuable as timber for posts, as we find trees laying on the greatest vigor or the best quality will assent the produce one is obtained of a great or greater value than its parents; and an ew variety, that surpasses all others, is hardly discovered once in a decade. The third year from the seel is had fine tree, but it was destroyed. The mulberry is very valuable as timber for posts, as we find trees laying on the greatest vigor or the best quality will will will be a fine tree, but it was destroyed. The mulberry is very valuable as timber for posts, as we find trees laying on the providence on the production of an extra for posts, as we find trees laying on the providence of the produce and firefrent value than its parents; and an new variety, that surpasses all others, is hardly discovered once in a decade. The third year from the seed will have been using it for that

slit well that is made by splitting the stalk.

If you can get any person who knows how to graft; it will be well for you to get him to show you. If I was with you five minutes could learn you more than in a column of writing. If a community of young men would appoint a time to gather in one place, I could give them, instructions practicable, that would never be forgotten, in a few hours. All I would charge would be my expenses, and moderate wages.

S.M.

Potatoes—New Varieties and how they are Obtained.

That the possibility for improvement in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effort at importance in the potato is greater than that of any other farm crop, is evident, but that effo by regular freight such perishable goods as require cold storage in transit. Of course a large portion of the shipments will not stand the usually steep rates exacted by the express companies, and through, or fast freights, are next the best means accessible of shipping, and best means accessible of shipping, and are the trains to which the refrigerator

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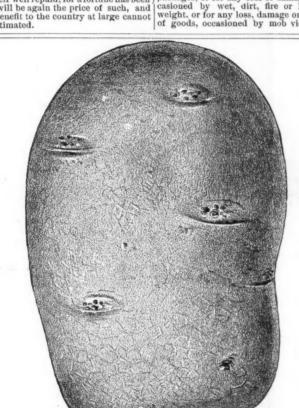
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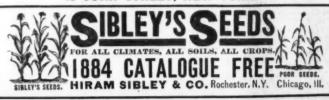
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Pears, Plums, Cherries—best varieties. Price & cents.
Shade Trees: Carolina Poplar, Tullp, Linn, Sycamore, Elin, Maple, Ash, Horse Chestnut, Red Bud, Dog Wood, &c., 50e to 75c.
Flowering shrubs in large variety, 50c.
Small Fruits, such as Raspberries, C urrants if 50 per doc.; Strawberries, & 00 per 100—the choicest kinds.
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\$10; 100 for \$1; 0 ur NEW CUIDE, a complete
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Kenny's 6th Annual Circular

ON

Minn. Amber Sugar Cane,
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manufacturing the crop; price of pure seed,
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SETH H. KENNY,
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A GOOD BARGAIN is Offered in the SUCAR FACTORY At Kinsley, Edwards Co., Kansas.

Addre sa J. Benney Bargain Stock fine. Prices low. Catalogues free. Geo. W. Campbell, Driawam. One.

TOOLS and IMPLEMENTS
We carry a large and complete stock for the Law.
Garden and Grand Grands. Phila. Lawn Mowers. Hedge Shears. Matthews' Seed Drills. The der Shears. Caboon Seed Sowers. Perder Shears. Hand Cultivators. Hand Weeders, Lawn & Garden Rakes. Hand Weeders, Send for liustrated Catalogue and Price List; 1708.

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Are used on all the celebrated chieval o Parks. They are light running, are the BEST Lawn Mowers mad

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## **COLMAN'S RURAL WORLD**

THIRTY-SEVENTH YEAR. BY NORMAN J. COLMAN PUBLISHED WEEKLY

AT \$1 50 PER YEAR; OR EIGHT

Address NORMAN J. COLMAN, Publisher of Olive Street, St. Louis, Mo.

(Advertisers will find the RURAL WORLD one of the best advertising mediums of its class in the country. This is the uniform testimony of our lil who have given it a trial. Many of our argest advertising patrons have used it for first of farming generally. and then of of the best advertising mediums of its class in the country. This is the uniform testimony of all who have given it a trial. Many of our largest advertising patrons have used it for more than a quarter of a century, which is the highest possible recommendation of its value as an advertising medium.

#### ADDRESSES.

Norman J. Colman has accepted invi-tations to deliver addresses at the following places and times:

SPRINGFIELD, Mo., April 4th, Practicability of Creameries in Missouri. ROLLA, Mo., April 5th, on Missouri as dapted to the Dairy and Creamery

FAYETTE, Mo., April 12th, Missouri as Adapted to the Creamery Industry. JACKSON, TENN., May 9th, before the West Tennessee Horticultural Society on "Sorghum Culture—Tennessee Can and Should Produce Her Own Sirup and

agar."
AGRICULTURAL COLLEGE, Mississippi May 18th, Annual Address at Commence-ment Exercises of College. OMAHA, Nebraska, Sep. 5th, Annual Address at the Nebraska State Fair.

R. P. GUSTIN, Bay City Mich., has been made Vice-President of the Ameri-can Berkshire Association for his State. This is a good appointment.

THE Springfield Jersey Cattle Club sends an agent to the Eastern States next week, to purchase a car load of cows and helfers to supply the immediate demand for Jerseys at Springfield, Ills., and vi-

BARLEY and its cultivation is general barley and its cultivation is generally overlooked by the farmers of Missouri and Illinois, yet the receipts in St. Louis are steadily increasing each year, induced by good prices. Last year 2,860,798 bushels was sold here—nearly all to

the brewers, who turned out with its aid

1.000.000 barrels of beer. St. Louis last year received twenty million bushels corn against fourteen and a half millions the previous year, but the city shows a big falling off in the receipts of wheat as compared with those of 1882 when the city received twenty million bushels, and only fifteen willions in 1882. The shortest left year. millions in 1883. The shortage last year was owing entirely to the light crop in the territory tributary to this market.

Now a number of our Arkansas sub-scribers who reported their peaches all dead a month ago are anxious to recall or modify their statements. We are now assured that the fruit belt along the Louis Iron Mountain & Southern R. R., will have at least half a crop, and upon reflection and a recent examina-tion of the fruit buds they are unani-mous in declaring the late severe freeze rather a blessing than a blasting or blighting visitation.

MR. G. B. BOTHWELL, of Brecker ridge, Mo., intends to have a public shearing on his farm this year on the 10th of April and advises us that all who are to. On we have this to say of mr. Bothwell, he has many sheep to shear, and thousand of them to show, and his shearing will be worth seeing. The wool growers of the West will, he says, find something there worth looking at. He has 1100 rams for sale and 250 of these are registered Vermont Merinos. Isn't that good for Bro. Bothwell?

LAST year St. Louis received and disposed of one million dollars worth of green apples, as shown in our issue of March 20th. Half of this amount was march 20th. Hair of this amount was credited to this State. It should have been added that this by no means repre-sented the apple product of the State, as some of the best producing sections do not ship here, except on rare occasions. Kansas City, too, is a big apple market for a great many Missouri grow-ers. while many of the principal opera-tors in this line in Iowa and the north-west come direct to this State for their supplies every year.

THROUGH a number of sources con THROUGH a number of sources considerable information has been recently compiled relative to the condition of the winter wheat crop and future prospects. The results of the inquiries are very gratifying and the 'prospects for at least a fair yield are good. The news had a most depressing influence at the leading grain centres, where the speculators were soon hammering down the prices (futures) and many of the operators were wrecked financially before the excitement subsided—the market declining in a few days 8 to 9 cents a bushel—notably May wheat—or rather wheat for notably May wheat—or rather wheat for May delivery.

OUR horticultural friends who are constantly seeking distant markets for their products, and more especially southern fruit and vegetable shippers, will be interested in the lengthy com-munication in our horticultural depart-ment, written by Mr. P. M. Kiely. Trans-recteion is the all important cuestion to portation is the all important question to many of these people and if the re-frigerator cars can be had as cheaply as frigerator cars can be had as cheaply as freight cars, there should be no hesita-tion about testing them thoroughly when the experiment costs so little. When fresh beef killed in Texas or Colorado can be successfully shipped to New York, why cannot other commodities equally perishable?

St. Louis has been losing its prestige for years as a tobacco market. The State is not producing as much of the weed as it did 6 to 8 years ago. The prices prevailing now, and for several years past, are higher, and why the supplies have not increased is difficult of explanation. A number of inclinent and planation. A number of intelligent and experienced cultivators in those counties best adapted to its production en-larged their fields devoted to it, and have larged their fields devoted to it, and have made money, especially those parties who turned their attention to the Burley, the best variety ever introduced in the State. Missouri raised last year only nine million pounds, when twenty millions could have been very profitably produced.

EDITOR RURAL WORLD: I am re quested by the President of the Wool Growers' Association to announce that the time of holding the national con-vention of Wool Growers has been changed from May 7th, to May 19th, at the Grand Pacific Hotel at Chicago.

Will you please so announce.

ALBERT CHAPMAN. Secretary Vermont Sheep Breeders
Association, Middlebury, Vermont.

#### A CREAMERY IN BELLEVILLE, ILL.

The editor of the RURAL WORLD, Nor. man J. Colman, and Col. R. F. Smiley, of the Southwestern Creamery Association, Holt & Hall, of Kansas City, Mo., proprietors, paid a visit to Belleville, Ills., last Saturday on the invitation of the St. Clair County Thoroughbred Stock Association, to talk to them on the Creamery business. It was a busy time AT \$1 50 PER YEAR; OR EIGHT
MONTHS \$1 00.

ADVERTISHES 40 cents per line of agate
with the farmers, for the weather was space; re faction on large or long time adversing and they anxious to get into the field with the plow as early as possible, still

first of farming generally, and then of dairy farming in particular as adapted to our soil, grasses, climate, etc., etc., and their capacity for the production of a first-class article of merchantable butter that shall command the highest prices in the best presents of the best presents of the shall ces in the best markets of the world. Col. R. F. Smiley had, of course, every

col. R. F. Smiley had, of course, every detail of the creamery business at finger ends, and held the attention of his audience very closely for over an hour. He pictured the butter from a thousand farms as displayed on the shelves of the country groceries, marked the price usually obtained for it, contrasted it with the product of the same cows brought to the product of the same cows brought to one central factory, handled in one way by skilled workmen at the requisite time and temperature and by the latest improved machinery, all made in one way by that machinery, salted, colored, packed and shipped to market in the best packages, and bringing at least twice the price, and giving the highest

He gave a brief historical sketch of the reamery as an institution of modern ommerce, told how it originated with Mr. Stewart, of Iowa, some fourteen years ago, how at that time there was but little butter made in the West, worthy of the name, and certainly unsalable in the East or any other market of the world, how the system grew until they now number from 1,500 to 2,000 in the Mississippi Valley, and are every day increas-ing. He presented facts and figures to show that, whereas then the farms of the West were heavily handicapped with mortgages for money borrowed from Eastern capitalists, these same farms are now in grass, needing much less capital and labor to run them, are free of debt, and their owners making much more money than on the grain farming system. Following his subject in logical and consecutive order, he referred to the well

known fact that grain farming even on the rich prairies of Illinois, was not only depreciating the soil because nothing of what was taken from it was returned to it, and because repeated cropping pro-duced a more or less diseased condition of the soil, and more destructive insects nan grain, he clearly showed that grain

two years, a creamery able to make 2500 lbs. of butter per day. That they provided the ground and the water too, 2500 fbs. of butter per day. That they provided the ground and the water too, and a skilled butter maker to run the business. That their buildings were of the best material, having each three air chambers througoout their length and breadth, and that two 300 gallon cream vats and two 300 gallon churns of the latest patents, together with engine, boiler, steam and water pipes and pumps, and indeed all necessary appliances to run a first class creamery; everything being so made and provided as to ensure durability for a large and every-day running concern.

ning concern.

The firm, he said, became interested to the extent of \$1000 in every creamery they erected, thus not only making themselves stockholders but justifying, by the employment of their own butter maker, the use of their own brand (used now by more than sixty creameries) and their own refrigerator cars to gather the butter in one, five or ten thousand lb. lots to any market in the country, and

for any market in the world. This and very much more of like character he said and, as before mentioned, carried his audience with him from the beginning to the end of his address; and Messrs. Holt and Hall through their general manager left an impression on the minds of the people of St. Clair county that no time can

### LETTER FROM KANSAS.

COL. COLMAN: You should be likened nto wine—as you grow older you grow

etter.
The RURAL WORLD is a credit to the Mississippi Valley, and of right should be encouraged. You preach and teach the true value of thorough breeding—as a matter of fact a thoroughbred never grows old—you are a thoroughbred, and may you live forever.

The winter wheat in my section comes out of winter courters in magnificent

out of winter quarters in magnificent shape. It is at the present writing looking splendid—none killed—not even the late sowing. ate sowing.

As to fruit, I am afraid with the excep-

lion of apples and strawberries, that we are left—and left badly—but we can stand almost anything, if the wheat is No cattle disease in Doniphan county,

and hogs are generally healthy.

I have a splendid variety of fall wheat which I shall advertise in due season, all western farmers should have it. THOS. HENSHALL.

Yours, Doniphan Co., Kan.

### The Grandest of Arts and Sciences.

Of all the arts and sciences, agriculture is the grandest, the most indispensable to man, the most universal. What! Farming an art and a science? Truly so ing an art and a science? Truly 80, when practiced as it ought to be, and as it is coming to be. Name me anything pertaining to the practice of an art or any science, which does not enter into that of agriculture somewhere or at some time. Why then has this, our so useful art and science, been held in such low esteem? Ignorance and neglect—these are the Ignorance and neglect—these are the why. It is as though sculpture had been left to stone cutters; painting to sign painters; medicine to horse leeches and hair cutters; chemistry to soap boilers; astronomy to fortune tellers. Law once science has fallen into contempt by a science, has fallen into contempt by this neglect of society and its abandon-

—THE consumption of nog meat in the United States is something wonderful to don, Ill., May Strawther Contemplate, and the figures inspire us with increased respect for that peculiar institution, the American stomach. The yearly slaughter of hogs in the Union is about 52,000,000, producing about 4,000,000,000 lin, Ill., June pounds of meat, of which about 1,000,000, S. E. Prath (100 nounds are sent abroad. This leaves the product of the p than grain, he clearly showed that grain farming could be, in very many cases, profitably dispensed with, and the land seeded down to grass for a series of years at least, and then grazed by the best mileh cows to be had.

Referring to the business of Holt and Halfas builders of creameries, he pointed to the fact that they undertook to erect first class buildings 36x44 feet, with ice house-of same size having a capacity of 400 tons, sufficient to last for two years, a creamery able to make

000 pounds are sent abroad. This leaves at least 3,000,000,000 pounds to be con-sumed by a little over 50,000,000 people, an average of 60 pounds per year for each man, woman and child in Uncle Sam's family.

country by binding the people to one or another of the faction leaders whose sole

object is the mighty spoil which admin-istering and making statutes, commonly called governing, has become. And how

stering and making statutes, commonly called governing, has become. And how nuch you have to do! What a boundless

field for labor! Already the mere litera-

our last week's issue on care of horses,

that is so true. For our offences agains our animals alone, we deserve purga-tory, at least. Holt. Oregon, Mo., March 23rd, 1884.

For our offences against

## Aotes-Correspondence.

oung & Sons, 1406 Olive St., St. Louis, Mo. and get their 64 page catalogue free.

-Any farmer wanting the best harrow eve pamphlet, giving description, prices, kinds etc., to C. R. Reitz, 600 Olive St., St. Louis, Mo It is just what every farmer, corn or cane grower needs, and will doubly pay for itself in saving hoeing, weeding, etc., the first sea son. Send for the pamphlet.

-Allow me to ask your readers a few ques ions in regard to raising stock peas. I want to sow some for my hogs to be hogged down after timothy and clover meadow is harvest ed. What time can I plant them, and will it pay to hog them down? How long does it take them to mature from planting, and how Will it pay to many bushels to the acre? ow some oats with them? We are having some fine weather now, but have had a very cold winter. Wheat looks bad —G. W. D. Bethany, Mo.

St. Louis, and merits the support of all who elieve that cleanliness is next to godliness. It not only promotes health but restores it from many diseases without medicine. It is very efficacious in all malarial maladies. Read the advertisement of this establish-

C. A. G. Dardenne P. O., Mo.

-Bolivar, Mo., March 24.-Editor RURAL WORLD: I have a flock of sheep of fifty in number. I commenced last November with twenty-five. My sheep are all good common sheep. I would like your advice as to what stock of sheep I should cross them with to ret the greatest amount of wool and mutton. Grass is up, so sheep are doing well without feed. Wheat looks badly; peaches all dead; prospects for apples good; oats sowing will e late.-N. S. H. ..... For the greatest amount of both wool and mutton breed to a Shrop

-The requisite knowledge to write or com oile a book that shall be of value to the arming community, is possessed by very few, even though the writers may confine themlves to one theme. When, therefore, a book appears that treats intelligently and in interesting language of the farm and home in its many phases, we are induced to give welcome to our library and recommend it to the progressive farmer as a work that can be oft consulted by him with pleasure and profit. We refer to the book written by the Hon. Jonathan Periam, entitled The Home and Fars ment to ignorami. Statesmanship has become political wire pulling, and as an art and science has become lost. You may think this a joke. May be so, but its a most sorry one.

Co., of St. Louis. The book in reamy is an encyclopædia of valuable information to the farmer and all lovers of rural life, being alike interesting to the housekeeper, her husband, or her children. It contains over one thousekeeper is a contain to the contains over one thousekeeper. Manual, and published by N. D. Thompson But is it not true that all these fine arts, these glorious, star-eyed sciences, were once down in the mire, abandoned where once down in the mire, abandoned the most effectual method of object teaching the most effect and many colored plates and charts, forming the most effectual method of object teaching the most effect and many colored plates and charts, forming the most effect and pages, has fively because the most effect and pages. But is it not true that all these line arts, these glorious, star-eyed sciences, were once down in the mire, abandoned and despised, while only war and gallantry were callings for gentlemen?

It is not the mere hand labor that makes a thing so looked down on. I demanded in the makes a thing so looked down on. I demand pages, has twelve numbers and pages, has twelv

ny this emphatically, for some arts and scholar. It treats of the Farm Crops, Stock, ny this emphatically, for some arts and some sciences require hard hand labor, and that too, of the most filthy kind. It is the thought and care and skill required and given, to produce results useful to build a house or barn, in fact it forms a library in itself. It is sold by subscription only, so those who desire to secure an agency to solicit subscriptions for the book should apply at once to the publishers. cine, sculpture, painting and astronomy, from their low places, and placed them

the scale. There is no art or uld hold its place against the d carelessness to which agri--The Art Amateur for April gives attractive lesigns of passion flowers for screen em-roidery and blackberries for panel painting, science could hold its place against the neglect and carelessness to which agri-culture has been abandoned. But a change is coming. Ere long, in the some interesting pages of Oriental diaper or course of Progress, no catastrophe hap-pening, farming, yes Farming, (spelled with a big F) will stand highest of all the callings of man. Art and science have quietly been ministering to this result, naments, a curious old German alphabet, and ome striking designs for furniture panels erous and excellent illustrations of objects in the famous Castellani collection now being And we have not the remotest idea of old at Rome, the clever sketches of picture And we have not the remotest dead of the infinite scope agriculture is to take. Our duty is to move on in the order of the great law of development and assist in directing attention to this grandest of themes—grander than any ever yet "the sword hath pleaded or the trumpet hath procedured." And, now Mr. RUMAL and the interesting notice and examples of the work of J. A. Habert-Dys, one of the prinipal designers for L'Arr. The practical desartments are well filled; Montezuma's Note book and the Dramatic Feuilleton are as proclaimed. And now, Mr. Rural World, not to flatter you and your fellow captains in this grandest division in the great army of progess, how much nobler in reality is your work than if you were running some party or and it you were running some party or and sparkling as ever, and in all respects the Montague Marks, Publisher, 23 Union if you were running some party organ and aiding in the political ruin of your Square, N. Y.

Che Cattle Pard.

ture of agriculture, which once consisted only of the yearly almanac, occupies M. H. Cochrane (Polled cattle), Kansas City, almanac, occupies only of the yearly almanac, occupies many shelves. And the time is coming when he who is conversant with that literature will have a universal educa-April 8 and 9. Thos. Hughes (Short-horns), Chicago, April

and 10 George Leigh (Imp. Herefords), Chicago April 10

tion. Nay more!
All the doctrines of morality will be Geary Bros. and George Whitfield (Polled An the doctrines of morality will be contained therein. And it is to be hoped that the "morals of agriculture" will re-ceive more and more attention. The man who knows and does his whole duty by his horse and his cattle, and all the eattle), Kansas City, April 15, 16 and 17.

ord, Kas., April 18.

Executors of L. Palmer (Short-horns), Chicago, April 22. dumb dependents does not need to study his duty toward his fellow man. And C. M. Gifford & Son (Short-horns), Manhat

tan, Kas., April 23.
R. L. McDonald (Short-horns), St. Joseph his duty toward his fellow man. And conversely, he who pretends to be a christian or even a gentleman, and ill treats or neglects his horse, is a hypocrite and knave. On this subject alone how much can be well said. I was much Mo., Ayril 30. Lafayette Co. Breeders (Short-horns), Hig struck by a remark from an exchange in

ginsville, Mo., May 1 and 2.

Jackson Co. Breeders (Short-horns), Kansas City, May 6, 7 and 8. H. D. Ayres (Short-horns), Breckenridge o the effect that these animals are much to the effect that these animals are much like human beings; mourn over neglect; "get melancholy in confinement; love variety, flattery and little attentions. When you go home at night, see that your horse is comfortable; when you take a bite, give him one alse." All that is so true. For our offences against Mo., May 9,

Mo., May <sup>9</sup>,

Thos. H. Crowder and B. Z. & T. M. Taylos
(Short-horns), Decatur, Ill., May 13.

Leonard Bros. (Polled cattle), Kansas City, May 13, 14 and 15. J. C. Stone, Jr. (Short-horns), Leavenworth Kas., May 27.

W. P. Young (Short-horns), Mt. Pleasant Ia., May 27. J. G. Gowan & Son and Col. Thad Hickman (Short-horns), St. Joe, Mo., May 28. J. S. Latimer & Sons (Short-horns), Abing

Strawther Givens (Short-horns) Abingdon, W. T. Hearne (Short-horns), Lee's Summit.

Mo.. May 29.

James N. Brown's Sons (Short-horns), Ber lin, Ill., June 3. S. E. Prather and D. W. Smith, (Short

orns), Springfield, Ill., June 4. Clinton County, Mo., Breeders, (Short-orns), Plattsville, June 4 and 5. Pickrell, Thomas & Smith (Short-horns)

Iarristown, Ill., June 5. Wm. Cummings (Short-horns), Buda, Ill. T. W. Harvey (Short-horns), Chicago, Jun-

Thoroughbred Live Stock Association, Hig-

ginsville, Mo., Oct. 15 and 16.
Seth E. Ward & Son (Short-horns), Kansas
City, first Thursday of the Kansas City Fat Stock Show. M. H. Cochrane (Herefords and Polled cat

Adams Earl (Herefords), Kansas City, Tues

Adams hart (Hereford), Adams City, 1403-day of Kansas City Fat Stock Show. Inter-State Short-horn Breeders, (Short-horns), Kansas City, fifth and sixth day of Kansas City Fat Stock Show. Adams Earl (Herefords), Chicago, Nov. 20. Nov. 6th, Jas. C. Smith, Shorthorns, St Louis.

The families of Berkshire pigs bred by pringer Bros., Springfield, Ills., are among the best known and most highly appreciated in both this country and England, and the Springer Brothers have the best possible reputation for the excellence of their stock

Mr. John Duffy, of the St. Louis Fair Grounds, reports the birth of a monkey on the 18 March, and the irreverent superinone of the best ladies and gentlemen of known by all visitors to the fair grounds.

Three of the pigs are black and mule footed and one black and white with natural feet.

has been definitely settled that we have not had the dreaded foot and mouth disease in the West. But the scare, if it may be called such will not be without the advented by the called such will not be without the advented by the called such will not be without the advented by the called such will not be without the advented by the called such will not be without the advented by the called such will not be without the advented by the called such as a such will not be without the advented by the called such as a such will not be without the advented by the called such as a such will not be without the advented by the called such as a such will not be without the advented by the called such as a such will not be without the advented by the called such as a such will not be without the advented by the called such as a such will not be without the advented by the called such as a such will not be without the advented by the called such as a such will not be without the advented by the called such as a such will not be without the advented by the called such as a such will not be without the advented by the called such as a such will not be without the called such as a such will not be without the called such as a such will not be without the called such as a such will not be without the called such as a such will not be without the called such as a such as a such will not be without the called such as a such will not be without the called such as a such will not be without the called such as a su blenky of good reed. I am Working hat to send you some new subscribers for the RUEAL point. Every part of our country is interest-working. It's the best agricultural paper I know of and every farmer should read it.— order that may attack any of our live stock, and the general government should have this matter under its immediate charge. There should be no temporizing policy. With the stock constantly increasing in this country, it will be a wonder if in time we do not have many contagious diseases among them, and experts are needed, and the strong arm, and the still stronger purse of the government, are required to stamp them out, and perhaps entire herds may have to be destroyed to entire herds may have to be make the matter sure. Let us rejoice that we have escaped a great calamity. It is pretty satisfactorily proven that the cause of the loss of feet, and of stock also, is due to eating ergot, found in wild rye, and perhaps in hay ergot, found in wild rye, and perhaps in hay where ergot is to be found. Similar afflictions where ergot is to to stock. Ergot is a fungus growth, is pois onous, and if it is found to exist, should not

Duchess of Goodness, a cow by 66 Duchess of Goodness; Valley Princess 34th, a cow by London Duke 4187; Wiley Duchess, a cow by Viscount Oxford 7th, 4948; Countess, a cow by the last two cows were purchased at H. D.

The last two cows were purchased at H. D.

and the last a Craggs. and its young herdsman, Junior is now on the road to fame and fort an. Junior K. King, are

How many crosses constitute a thorough red in cattle-premising you begin breeding common cow to a thoroughbred bull? crosses, is herd book?

Gallatin, Mo. All animals to be eligible to registry in the horthorn herd book must trace on side of oth sire and dam to imported ancestry with ut an out-cross.

#### Horniess Rull Wanted

Please inform me where I can get a hornle bull or where I can get information as to the best breed of hornless cattle.

Hillsboro, Ill. By addressing Gudgell & Simpson, Indeper lence, Mo., or W. H. & A. Leonard, Mour conard, Mo., both of whose advertisment appear in our breeders' directory. There are lew Polled (hornless) cattle in this country amber is fully up to the high standard of but the black cattle of Scotland, they are named respectively, the Aberdeen, Angus and Galloway.

There are a few Polled Norfolks here how-

ever, they are English and red. For these and all information regarding them, address Gen'l L. F. Ross, Iowa City, Iowa.

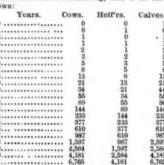
#### A Fruitful Cow.

The following live stock puzzle by the Goram (N. H.) Mountaineer, was dedicated to the Orover's Journal:
A father gave his son a heifer calf. When

two years old she drops a helfer calf, and one each year thereafter until twenty-one years old. All of her calves have a calf when two years old, and one each year thereafter until the old cow is twenty-one. Also the whole progeny have helfer caives when two years, and one each year thereafter until the old cow is twenty-one years old. How many in all will he then have? We will give a nic bound book to the one sending the first cor rect answer.

The Mountaineer received about thirty an

wers and published fourteen, which ranged om 101 to 17 111 head. The latter is con so it is seen that if you can only persuade a cow to drop all heifer calves, and have all her progeny do likewise, she may be very fruitful The solution is interesting, and is as fol



Total, 6,675 cows, 4,181 heifer aking a grand total of 17,711. The editor of the Mountaineer, on bein asked the relationship of the last of the progeny and the original cow, tells the inquir that he must keep his own family record

### Prevention Better Than Cure.

The following temperate but !timely para graph from the Industrialist is very much t the point and ought to be heeded at head The Hatch bill providing for the establish

ment of a Bureau of Animal Industry within the Department of Agriculture does not ap-pear to be satisfactory in all quarters. The opponents of the bill, unfortunately, seem ore ready to criticise than to sugges mendments. They do not see that there is ny call for Congressional action yet. Those irectly interested in live-stock very gener ally favor the principles of the bill. Its ob ect is the restriction and stamping out of ontagious diseases, particularly neumonia, which, on all sides, is a o exist in several of the Atlantic States Prof. Law says that the loss to the countr from this disease is two or three millions year now; and the State governments make very little progress in the way of exterminal ing it. England temporized when the diseas first appeared there, and it is estimated the her loss from pleuro-pneumonia has alread reached \$500,000,000. If the disease crosses the Alleghanies and gains a foothold in the West, it will be almost beyond control, an will entail a loss simply incalculable. As to emphasize the necessities for some concerted action that other dread scourge, the foot-and-mouth disease has put in an undoubted appearance since this bill has bee before Congress. U.S. veterinarians vouc for the real foot-and-mouth disease in Maine and Kansas has been startled by the an nouncement that the same disease exists if Prof. Law says that the loss to the countr

and Kansas has been startled by the an-nouncement that the same disease exists in Woodson and Lyon counties in this State.

### A Fine Calf.

Chenault Todd received per express Satur Airdrie 3rd was a deep red and one of the most noted bulls used in Mr. Renick's Rose of Sharon herd. The dam of this caif, Duchess 22, is a beautiful red, broad, level, straight back with the hire well samper the good.

Mr. M. Schenck, D. Sapp, J. D. Speers, B. Crawley, R. R. Voris, Jas. Selby, and Chas. B. Allaire. We think the meeting will be a 22, is a beautiful red, broad, force, straight B. Allaire. We think the meeting will be a back, with fine hips, well sprung ribs, good front, neat head and horns. She was sired by the pure 4th Duke of Geneva, 1750. He is Chandler & Carter, and L. B. Morey, of Aledo Mo., Advertiser

over our own State and throughout Kansas.
J. W. Lillard recently sold a yearing Arabella
bull to C. W. Cole of Lafayette county, for

to stock. Ergot is a fungus growth, is poistonous, and if it is found to exist, should not be fed to animals.

The Peabody Herd.

We have the gratifying intelligence from Peabody (the well known residence of Will R. and J. K. King, at Marshall, Mo.,) that the herd is doing well on the splendid blue grass of that magnificent farm of 3000 acres.

They report the following calves from Poppy 27th: a bull sired by Acklam Sharon and a splendid fellow—Abe Renick never bred a better one, this is one of the cows purchased at his sale: 38rd Duchess of Goodness, a bull by 72 Duchess of Goodness, a cow by 65 Duchess of Goodness; Valley Princess 34th, a cow by London place 41st Wiley Duchess, a cow by 12 London place 41st wiles a contract the traveler that this road carries out it promises to the letter.

If your horses have sore shoulde

## The Horseman.

Stallions Advertised.

Young Harold, J. V. Stryker, Jerseyville

Exile, J. V. Stryker, Jerseyville, Ills. Clay Cuyler, J. V. Stryker, Jerseyville, Ill Wm. L. Hull, R. J. Fruin, Meadville, Mo. Ayres' Hambletoniau, H. D. Ayres & Son

Breckenridge, Mo. Goldsmith, A. McClintock & H. D. Ayres, Breckenridge, Mo.

Whitney & Fesler, Mt. Sterling, Ky., have a public sale of 150 head of fine horses of the 11th and 12th of April. Great bargain will be obtained at this sale. Send for cata

Those wanting first-class, high bred trotting stock, should not fail to read the advertisement of W. H. Wilson, Cynthiana, Ky. Send to him for a catalogue of the stock that will e sold at public auction on Monday, April The Minnesota State Fair Association hav

elected M. T. Grattan as starting judge for the races at the State Fair this year. Mr. Grattan is a thoroughly posted horseman familiar with the rules of the National Asso ation, and has the firmness to enforce them more of our trotting associations would select competent, honest judges, there would be less rascality on the race courses.

Any one wanting road carts, will find a umber of them advertised in the RURAI WORLD. They are being largely used by far mers, doctors and business men, because they are cheaper, less liable to get out of re pair, wear longer, cannot be tipped over by shying horse, and are lighter and handie than the buggy. Those needing a nice c should send to our advertisers for illustrate circulars, prices, etc.

The advertisement of S. Toomey's Sons, Ca al Dover, Ohio, will be found in the RURAL WORLD. This firm has been manufacturing for a long time, sulkies, road and speed wag ons, and road carts. They have an estab-lished reputation for doing the best kind of work and using the best material. Their sulkies are used by some of the best drivers, and their road carts are real beauties. Send to them for a free illustrated circular of the kinds of work they manufacts

J. V. Stryker, of the Jerseyville Stock Farm Jerseyville, Ills., has sold to P. V. Orist, Mamilton, Mo., the colt Sacramento sired by Cuyler, dam Yosemite by Mambrino Transport, son of Mambrino Patchen, second dam Au gusta by Rysdick's Hambletonian, third dam of good size, fine style, and gifted with speed We are glad so fine a stallion has come to Missouri. Mr. Stryker has very fine trottin stock, and any one wanting anything in that line should visit his farm near Jerseyville.

I have a fine colt that got his foot fast be tween a rope and a tree and was cut into the one; he has now a large lump on his ankle. Will you please tell me how to take it off. He is not lame with it; it is on the inside of ankle can be done is to use iodine ointment on the enlarged part. Iodine ointment can be obained at any drug store.

North Missouri is beginning to boom in th breeding of fine horses, and there is no loca-tion in the United States better adapted to that business. The Chicago, St. Louis, and even the eastern markets are easily reached. There is moreover no better grass country than North Missouri, and horses can be cheaply and profitably raised on it.

There are many good horses in that section

of the State, but none to compare with some that have lately gone there. Son, the enterprising breeders of Sh attention to the breeding of fine horses a

well as fine cattle.

They have within a few months past taken

will be found in our columns. They are worth perusing. The only way to have good are pretty certain to grow up with well-horses is to breed to them. A few additional dollars to pay for the services of a high bred and legs. price the horse will sell for, when ready for market. These stallions should have a large market. These stallions should have a large patronage for not only the stallions, but the interprising owners deserve it.

### Illinois Trotting Horse Breeders.

a fine calf and we are glad to see such fine stock coming into our county.—Howard Co., Mo., Advertiser.

W. S. Frazer, Aurora; A. Armstrong, Beason; Eugene Churchill, Bryant; Wm. Babcock & Son, Bryant; Nat. Bruen, LaHarpe; M. H. Short-Horn Beauties.

—Vernon has reason to be proud of its fine stock. Our herds are attracting attention all over our own State and throughout Kansas. I, W. Lillard recently sold a vearing Arabid. Effingham; W. H. Baird, Mt. Carroll; A. V. L. M. Lillard recently sold a vearing Arabid. Stock of the control of the contr Brooking, MacComb; W. A Sanborn, Sterling Silas Hurd, Odin; L. S. Rupert, D. H. Rounds and Col. Jas. Freeman, of Bloomington; Wash Corbin, of Quincy; D. W. Brennerman & Bro., of Decatur; Daniel White, of Trivoll; A. G. Danforth, of Washington; J. B. Dodge, of Walnut; Dr. H. C. Barnard and W. A. Whitmore, of Charleston. And then there should go from Jerseyville the following enterpris-ing breeders, viz: J. V. Stryker, T. F. Reiner Geo. Voorhees, Jas. Gorman, Col. W. H. Fulk erson, N. E. Beaty, W. H. Christie, T. Mc-Reynolds, Ed. Cross, Chas. Frost, John H. Lamb, Judge O. P. Powell, Walter Cory, N. . Kirby, and others, whose names we forget. There is material enough to make a big meeting, and an interesting and profitable one. Let all the breeders turn out.

### Oil Cake Meal for Stock.

discharges of the bowels, and prevents gases forming and causing colic, and thus aids in keeping off disease. It keeps the coat of hair in a soft, glossy condition. It is a valuahair in a soft, glossy condition. It is a valua-ble stock food and should be better appre-ciated by American farmers.

#### The Morgan Horse.

COL. COLMAN: I have been keeping your request to give a description and history of the Morgan horse in view for a wee'r, and the first spare time that offers, the great RURAL WORLD family shall know what my opini good an opinion of your readers to offer them any hurried or slip-shod work. The article is mapped out, and you shall have it at an early day. Possibly my theory of the origin of the Morgan horse may be regarded as unique. I have always regarded him as strongly tinetured with Arab blood, along with many other writers, but there is a more otent source for his intellectual or re mg powers, in my opinion, which the BURAL WORLD shall announce originally. Yours truly, Preston Stock Farm, Filmore Co., Minn.

Remarks: Aithough the above letter was not written for publication, we put it in type, as our readers are much interested in the subject. Mr. Grattan has much interest in Morgan horses, is owner of one of the best bred Morgan stallions living—Herod—record 2:26%, and has given much attention to this family of horses. Mr. Grattan is one of the able writers in horse literature, being a regular correspondent of the Breeders' Gazette

#### An Extensive Establishment.

-We have before us the catalogue of Ezra Stetson & Sons, Neponset, Ill., who are widely known as importers and breeders of Percher-on and Clydesdale horses. Mr. Stetson is one of those who, like Mr. Walters, of Baltimore: Mr. Finklin, of Charlottesville, Va.: Mr. Slat ery, of Onarga; Mr. Rogy, of Seward, Neb. have always opposed the use of the word Norman in connection with their imported French horses, and time is fast bringing the public generally to agree with these gentle-men. Dr. Stetson & Sons have on their ranch ver two hundred head of horses and mares select from. You will find recorded Per ons and recorded Clydesdales in ab I numbers to select from, and a relia irm to deal with .- Breeders' Gazette

#### The Glenview Stallions.

-It would be difficult, indeed, to find stallions possessing better blood lines than the trio at the Glenview Farm of J. C. McFerran, near Louisville. Themselves horses of marked individual merit, the question of their value as sires of trotters has already been decided in the affirmative by the perfor nances of their get in races. Cuyler, who ccupies the place of honor, comes of the right stock, being by Rysdyk's Hambletonian dam Grey Rose, by Harris' Hambletonian, and although yet young in the stud has sired Day Dream, record 2:21% in the fifth heat of a hotly contested race; Algath, 2:23 at four years old: Elvira, 2:27 at three years old: orient, 2:30 at four years old; Sanford Keith, :32¼; St. Arnaud, 2:32¼ and Cricket, 2:33. His daughter, Lucy Cuyler owned by Mr. Rob ert Bonner, was driven a trial to wagon in :17%. Nutwood, the second stallion in the place, is a trotter of merit, as his record of 2:18% proves, and with very limited opportunities in the stud has sired Manon, 2:221/2 Fe lix, 2:25%, and Dawn, 2:50—the fastest reco ever made by a yearling in a race. Nutwo is bred as well as the best, being by Belmon dam Miss Russell (dam of Maud S.) by Pilot Jr. Pancoast, by Woodford Mambrino (record 2:21%, and sire of Abbotsford, 2:19%,) out of Bicara (full sister to McCurdy's Hambletonian, 2:26%) by Harold. And in addition to this he is a trotter himself, making a record last fall of 2:25%, after a season in the stud. The brood-mares at Glenview are of the very best breed.—Breeders' Gazette.

### Horse Notes.

-Ringbone in colts, says an exchange comes from permitting the colt to stand on a wooden, concrete, brick, stone or other hard floor any time before attaining about They have within a few months past taken to their farm at Breckenridge, Caldwell Co., Mo., the highly bred trotting stallion, Ayres' should be kept on pasture of a dry soil during the summer, and if stabled in the wingstellion, whose get—if there is any merit in the lorse himself—ought blood, as well as in the horse himself—ought to be covered every line be deep with sand, tanto bring tens of thousands of dollars to bring tens of Caldwell County, who are enterprising enough to avail themselves of his cutter. If this is not done, the straw or hay cutter. If this is not done, the straw or hay cutter. If this is not done, the straw or hay cutter. tallion Goldsmith, a son of Rysdyk's Ham-bletonian—that great progenitor of trotters, and the only son of the old horse we believe gerous for the colts to stand on. If suffered floor, and in others it is left bare, rendering and the only son of the old horse we believe in the State.

The advertisements of both these stallions soil should be loose and dry, and free from soil should be loose and dry, and free from the column of the col

-A horse with the thrush should be kept in doors on a plank floor, furnished amply with dry straw bedding. All detached or decayed portion of the frog should be carefully trimmed off, so as not to start blood; then the hoofs should be trimmed and leveled, and shoes with corking, but without toe-piece, ment in the Rural. World and try the Turkish bath. It is a great luxury.

—To-day I have tried to plow, but found it
too wet and the frost in the ground yet.
Wheat is not looking well, much is drawn it in the world and mouth disease in
the wing every day in the month. It these
cold nights do not stop seon it will run the will run the
wheat. Stock of all kinds has done well with
newton Read the advertisement of this Rural. World and try the Turkish bath. It is a great luxury.

He was selected from the fine herd of the
veteran short-horn breeder, Abram Renick,
of Clark county. He is a beautiful deep red,
fine top and bottom lines, fine length and
style. His sire 4th Airdrie of Sharon, 8074, a
deep red is certainly a fine animal. Mr. Todd
the wing every day in the month. It these
cold nights do not stop seon it will run the propriety of opening colt stakes to
that may befall live stock of any kind, it
wheat. Stock of all kinds has done well with
not noted bulls used in Mr. Renick's Rose of
Sharon herd. The dam of this calf, Duchess

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the veteran short-horn breeder, Abram Renick,
of Clark county. He is a beautiful deep red,
fine top and bottom lines, fine length and
style. His sire 4th Airdrie of Sharon, 8074, a
deep red is certainly a fine animal. Mr. Todd
to the importance of the trotting horse breeders of Illinois
have called a meeting at Peoria, Ill., on the
stor of April, Inst. It sobjects too promote the
style. His sire 4th Airdrie of Sharon, 8074, a
deep red is certainly a fine animal. Mr. Tod
to the importance of the trotting horse breeders of that
State, and probably to take into consideration of the ground by freezing and
to the importance of the trotting horse breeders of the
total of April, Inst. It sobjects to promote the
stor of Clark c daily, and kept in place by means of flattened pieces of wood across the frog. the ends of which are inserted between the and the hoof. Patience and perseverance are required, as it sometimes takes months to cure bad cases of thrush. The record of fast trotting in 1883 will con-

ince the most skeptical that the cross beween Old Mambrino Chief and Old Hambletonian is the surest and safest way to pro-duce a trotting horse. There has been a great effort to prove that the Clays, the Pilots, and the Black Hawks were as successful in the stud, both as sires and dams, as any other; but the four fivers of this year, the "phenomenal trotters," are all of the same family. The dams of Phallas, with a record of : 15%; Wilson, 2:16; Majolica, 2:17; and Leon tine with record of 2:22, were all daughters of Clark Chief, who was the best son of Old Mambrino Chief. The dam of the Nutting colt, by Fremont, on exhibition at fair last week, (and surely the fastest 2-year-old ever raised in this county) was by Waxy, who was also sired by Clark Chief, showing that wher-ever there has been an out cross, and the same strain of blood brought together again, t is almost as certain to produce strength peed and endurance, as chemical affinities will produce the same results in the labora ory of the chemist .- Spirit of the Turf

FITTING HARNESSES .- A correspondent of the Farmers' Advocate sensibly advises that when purchasing harness the team upon which it is to be used should be at the shop; I see that you recommend oil cake meal when purchasing harness the team upon for colts and horses. About how much do you recommend to be given to each per day? L. A. S.

Give to weanling colts about half a pint mixed with bran or other food, night and morning. Grown horses may be allowed a pint, twice a day, or even double that quantity. It aids in keeping the stomach and bowels in a healthy condition, assists in the

proper fitting and toughne of the same But many o among work one side of a other; and i leather on o on the other brought out and it arises especially af or from was eral from me catarrh an young horse

Apr

old ones who ment and of dicated by s ness; but, in lameness, pression of a considerable ever lamene cannot be ac after exercis stinate, in so and, in mos and even of remedies for medicines, somewhat w A correspo terested in ! shape of the than the dan to themselv most breed

and shape, I a number of one mare to the foals by greater rese fore, to each would bear outline. Th on the size of der, therefore is more nece mare than a hand, in ord ing a particular important shape you w to put it she -While it practicable : try to treat t many lesson in which th might, at les in an excha

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-Cracked h ing ailments ners and to Trivial thou bad case the its true form of the funct flyer" on a le sensitive pla ine. There Every traine is well aware resumed it is of the trouble from mud at the further tion. This there has be will be nece put on loose was our fave tial to the prum, vaseline emolient in i of the skin, ment of crac ing of the fis

-Daniel L

by the note he by Hill' Sherman, se Fanny Cool brino, son o

is chestnut

white foot b

and tail bor der. He is a high, yet str step, that is He never he himself much handling, w speedy, as h ing a full a form. Prob class of styl ters that ne by gentlem easily down day and trac natural tro fourteen of their sires

total numbe one-half. proving ver less than fo are from mand H. B. W. Lamberts, w. Black Hawl blood have

twenty-sixt

proper fitting collar. Naturally a horse's proper fitting collar. Naturally a horse's shoulders are the same in strength, shape full totting sires is occupied by Blue Bull, and toughness; therefore a collar should be of the same shape and firmness on both sides. But many of them are not, and this is the chief cause of sore shoulders so prevalent among work horses. It often happens that 2.20%; Zoe B., 2.20%; Chance, 2.20%; Richard, 2.21% among work horses. It often happens that 2.21% [Mamfe, 2.21%; Elsie Good, 2.22%; Gladone side of a collar is stuffed firmer than the lator, 2.221/4; Ethel, 2.23; Kate McCall, 2.23;

young horses who are severely worked, and old ones who have lived a life of coarse treat-ment and of hard labor. It is sometimes indicated by swelling and perceptible tenderness; but, in general, it shows itself by mere lameness, accompanied always with expression of acute pain, and sometimes with considerable degree of feverishness. Whenever lameness, after a careful examination, cannot be accounted for, or is found to go off after exercise and to return again, it may pretty certainly be pronounced rheumatism. It is, in all cases, distressing, in many obstinate, in some a kind of torturing palsy, and, in most, capable of great alleviation, and even of a real and permanent cure. The remedies for it are change of diet, diuretic medicines, stimulating applications, and somewhat warm and uniform temperature.

A correspondent of an exchange gives a few ideas that may be of value to those interested in breeding horses. He says: The hane of the foal takes more after the sire than the dam. Some few mares breed more to themselves than the horse, but, as a rule, proving successful brood mares, and will. most breed to the horse in regard to make and shape, and, therefore, if you were to put a number of mares to the same horse, and ne mare to different horses in succession, ne foals by the same horse would bear a greater resemblance to the sire, and, there fore, to each other, than the one mare's foals would bear to her in appearance, shape and A VERY SINGULAR AND EXCEPTION outline. The size of the foal depends more on the size of the dam than the sire. In order, therefore, to secure full-sized animals it is more necessary to have a large, roomy mare than a large horse; while, on the other hand, in order to be more certain of obtain-ing a particular shape or outline, it is more

highest degree. They resort at night to their tents, and lie down in the midst of the child-

highest degree. They resort at night to their tents, and lie down in the midst of the children, without ever hurting them in the slightest manner. The little boys and girls are often seen upon the body or neck of the fmare, while the beasts continue inoffensity and harmless, permitting them to play with and caress them without injury.

—Cracked heels are one of the most tormenting all ments that beset the trainers of runners and trotters, especially the former. Trivial though it may seem, when there is a bad case the sufferer is incapable of showing its true form. Slight disarrangements of any of the functions are sufficient to place "the flyer" on a level with those which are pounds below, and the separation of the skin in that sensitive place is not so slight as many imagsensitive place is not so slight as many imag ine. There are a hundred "sure cures Every trainer has a favorite remedy, and it is safe to say that he has little faith in any. Easily managed when there is slow work, he is well aware that when the fast gallops are resumed it is long odds that there is a return of the trouble. Besides lessening the danger from mud adhering to the pastern, there is from mud adhering to the pastern, there is the further benefit of preventing evaporation. This will be sufficient in cases where there has been no cracking; in the latter it will be necessary to apply a linen bandage, all times. there has been no cracking; in the latter it will be necessary to apply a linen bandage, put on loosely, with some kind of a cerate to put on loosely, with some kind of a cerate to induce healing. Twenty years ago glycerine was our favorite remedy. Now we are partial to the preparations from grude petrole. tail to the preparations from crude petrole-um, vaseline, cosmoline, cuticura, any emolient in fact, that will soften the rigidity of the skin, which is always an accompani ment of cracked beels, and tend to the healing of the fissures .- Breeder and Sportsm

ing of the fissures.—Breeder and Sportsman.

—Daniel Lambert was foaled in 1858' and got by the noted trotting stallion, Ethan Allen, leave the law the law to be the little to the law to be the little to the law to be the law he by Hill's Vermont Black Hawk, he by Sherman, son of Justin Morgan. His dam, Fanny Cook, was by Abdallah, he by Mambrino, son of imported Messenger. His color is chestnut with some white in face and one white for behind a local label and the color of white foot behind, also a light colored mane and tail bordering slightly on the flaxen or-der. He is a wonderfully intelligent, spirited animal, standing only about fifteen hands high, yet strong in every point, with a beauty of form, elegance of carriage and elasticity of step, that is seldom equalled in any animal. He never had an opportunity to distinguish himself much upon the turf, yet, with proper handling, would undoubtedly have been very speedy, as he proved himself capable of troting a full mile in 2.36 in his three-year-old form. Probably no horse ever got a finer class of stylish, spirited gentlemen's roadsters than Lambert. Many of his sons and daughters that never set foot upon a track are used by gentlemen for private driving, and can seelly down a 3 80 tractor more the road. Not by gentlemen for private driving, and can easily down a 2.30 trotter upon the road. Not less than a dozen of such can go on a track and trot a full mile better than 2.30 any good day and track. A large proportion of his get are natural trotters so evenly balanced that they require neither weights nor boots. It his get are from dams of Morgan fourteen of which trace directly back through their sires to Vermont Black Hawk. The total number of heats won by these fourteen Is 208, or an average of about fifteen, while the average of all these from dams without the Black Hawk strain is only about nine and one-half. Several of Lambert's sons are proving very successful in producing speedy proving very successful in producing specuy trotters, among the best of which are Abraham, Aristos, Ben Franklin, Lambertus, Aurora and Addison Lambert, all of which were rora and Addison Lambert, all of which were a Abraham has not Barrett's, Mo.Pac.Ry. Inspection of stock invited. less than four in the 2.30 list, three of which are from mares descended from Ethan Allen and H. B. Winship, one of the very best of the Lamberts, was from mare possessing a large East St. Louis, Ill. Lamberts, was from a mare possessing a large share of Black Hawk blood. Next to the Black Hawks, the mares of Young Columbus blood have proved the best for crossing with Lambert, four of his get in the 2.30 list being from dams of that stock. Although in his twenty-sixth year Lambert is still hearty, vigorous, and a sure foal getter. His terms during the past year were \$500 by the season.

-The second place in the rank of success other; and it is sometimes the case that the leather on one side is thicker or harder than on the other. Such collars should never be brought out of the shop.

Belle Wilson, 2.23½; Lona Guffin, 2.23½; Ina leather on one side is thicker or harder than on the other. Such collars should never be Russell, 2.26; Banche H., 2.26½; Commander, brought out of the shop. -Rheumatism is very common in horses and it arises from exposure to cold and rain, especially after being heated with exercise, or from waishing with cold water while the animal is heated or perspiring, and in general from most of the causes which induce catarrh and influenza. It often attacks the cold water while the causes which induce catarrh and influenza. It often attacks the cold water while the causes which induce catarrh and expected water worked as the causes which induce catarrh and expected which worked as the causes which induce catarrh and expected which worked as the causes which induce catarrh and expected which worked as the causes which induce catarrh and expected which worked as the causes which induces the causes whic equalled that time. Two of these that were in the list at the beginning of the season lowered their records last year. The average time of the thirty-two is 2.25%. The total number of heats won by the lot is 351, and seventy-eight of them during the past sea-son. This brings the average number of heats to each 2 30 trotter about eleven. Blue son. This brings the average heats to each 2 30 trotter about eleven. Blue heats to each 2 30 trotter about eleven. Bull was foaled in 1858, and died July 11, 1880.

Bull was foaled in 1858, and died July 11, 1880. It is not known at the present time that the blood lines which entered into the composition of this remarkably successful trotting sire contained a single strain of trotting sire contained a single strain of trotting blood, but no one who has tried to solve the breeding problem can doubt that he sprang originally from the best of stock. He proved originally from the best of stock. He proved himself possessed of greater individual merit than any other trotting sire that the world has yet produced. Could he have had the opportunity enjoyed by most of the pop-

proving successful brood mares, and will without doubt, be in great demand by breed

ers. The pacing element is increasing in fa-

factor in the future production of trotters.

The following details of a case, is one of the exceptional cases which we meet with in our dispensation of Compound Gxygen, and one that illustrates in a very striking manner the subtle and deeply-searching and active power of this new agent.

is more necessary to have a large, roomy mare than a large horse; while, on the other hand, in order to be more certain of obtaining a particular shape or outline, it is more important that the sire should be of the shape you wish to obtain than the dam. Or, to put it shorter, you ought to breed from mares which are the slize you want and horses which are the slize you want.

—While it is not impossible it may be impracticable for the horsemen of this country to treat their horses in the same manner in which they handle their horses that it might, at least, be well to imitate. A writer in an exchange who evidently understands their methods, says: The Arabians never beat their horses; they never cut their tails; they treat them gently; they speak to them and seem to hold a discourse; they use them as friends; they never attempt to increase their speed by the whip, or sput them, but in cases of great necessity. They never fix they hear the sound of their master's voice. In consequence of such treatment these animals become docile and tractable in the highest degree. They resort at night to their tents, and lie down in the midst of the children, without ever hurting them in the slight-

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of trotfar old
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T. HEARNE, Lee's Summit, Mo., on Mo.
Pacific R. R., 24 miles east of Kansas
city, breeder of pure bred Shorthorn Cattle
of the highest type. Herd numbers 100 head.
Farm adjoins the town.

HOLSTEIN (LATTLE. GUS. HEAD, Alton Poland China Hogs, Bronze Turkeys, Lang-shan and Plymouth Rock Fowls and Collie Dogs. Eggs and Chicks in season.

descent, through tie. Ornante Duke at head of herd. Correspondence solicited.

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Bred by and the property of H. D. Ayres & Son, Breckenridge, Mo. Brown horse with star, 16½ hands high, fine style and action, foaled 1881, by VOLUNTEER GOLDSMITH, (by Goldsmith, dam Volunteer Maid, by IVOLUNTEER, and the style and styl

GOLDSMITH Property of Alex. McClintock, Millersburg, Ky., and H. D. Ayres, Breckinridge, Mo. Brown horse, Is hands high bred by E. Hulse, Washington, New York. By RYSDYK'S HAM-BLETONIAN, dam Lady Hulse, by imported Trustee, (Thoroughbred.) Will serve a limited number of approved mares, season of Breckenridge, Caldwell county, Missouri, at the "one price" of §2 to insure a mare in foal; money due when the facts are ascertained or the mare parted with. Goldbarth was kept mainly for a driving horse, and served but few mares until brought to Kentucky in 1881. His colts are uniformly large, with good bone, and show great trotting action. Goldbarth is the only son such "Hero of Chester" in the State of Missouri.

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MONITOR (1237) fooled 1877, color black, 16 hands high, by Merchant (589), he by Alexander's Belinott (64), both their dams by Mambrino Chief (11); dam Trojana by Trojan (312)he by Flying Cloud (134), he by Vt. Black Hawk (6), Flying Cloud's dam by Andrew Jacdson (4), Trojan's dam by Abdallah (1.) the sire of Rysdyk's Hambletonian, (10.) He is descended from the best trotting families on the side distance SL 50 per week. Address C. D. COLMAN, RURAL WORLD OFFICE, 600 Olive Street, St. Louis.

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WM. L. HULL,

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WM. L. HULL is a black horse, 16 hands high, a
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trotting stallion, Hull, the blood of the three great
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Terms: S25 the season. Mares not proving in foal
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McFERRAN & VEECH. THE THIRD ANUAL JOINT SALE of the produce of the two well-known Kentucky breeding Farms, Indian Hill and Glenview, will be held at Glenview, the farm of J.C. MeFerran, six miles east of Louisville, Ky., and one mile from Linden Station, on the Cincinnati Short Line Railroad, on

ne sale will embrace 50 head of Colts and the sale will embrace 50 head of Colts and the sale with a four-year old record of 2:21 3-4 Fillies, including DAY DREAM, roaded in 1879, with a four-year old record of 2:21 3-4 a fifth heat; FEMME SOLE, foaled in 1881, 2-year-old, half-mile trial in 1:11 1-4.

The colts and fillies are by Pancoast (record 2:25 ½), Cuyler (sire of Algath, 2:23), DAY DREAM, (2:21 3-4 both at 4 years old), and Elvira, three years old (record 2:27), Princers (sire of Trinket, 2:14), Hettic [Pearl (2:27), Roaded (2:27), Princery (sire of Trinket, 2:14), Hettic [Pearl (2:27), Roaded (2:27), Frincery (sire of Trinket, 2:14), Hettic [Pearl (2:27), Roaded (2:27), Roaded

ent, Romance and Fare and others equally well bred.)

There are two out of mares by Rysdyk's Hambletonian, seven out of mares by Volunteer, one out of mare by Mexander's Abdallah, one out of Mare by Alexander's Abdallah, one out of Messenger Duroc mare, four out of Wolford Mambrino mares, two out of Belmont mates, three out of Mambrino Patchen mares, one out of Harold mare, and one of a Clark Chlef mare.

The sale will be absolute, without any reserve bid or any by-bidder in any form on any animal.

PUBLIC SALE. Sale of High Bred Trotting Stock Abdallah Park, Monday April 16, 1884.

The get of his developed Stallions, Indian-apolis 2:21; Jubilee Lambert, 2:25; Ravens-wood, 2:26. Also the get of Smuggler, 2:15½ Hambirino, 2:21½; Hambletonian Mambrino 2:21½, and other producing sires and well bred Stallions. Catalogues can be had or application to W. H. WILSON Abdellah Park bred Stallions. Catalogues can be had on application to W. H. WILSON, Abdailah Park, Cynthiana, Ky.

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STALLIONS IN USE.

YOUNG HAROLD 1823, got by Harold (sire of Maud S., 2:10 1-4) dam by Almont (sire of Aldine, 2:15 1-2 to pole). Service fee, \$50 to insure. EXILE 1143, got by August Belmont 366 (sire of Don Cossack, 2:28), dam by Mambrino Patchen 58 (sire of London, 2:20). Service fee \$25 to insure. CLAY CUYLER 1707, got by Cuyler 100 (sire of Day Dream, 2:22 1-2 at four years), dam by Ameri-can Clay (sire of Maggie Briggs, 2:27). Service fee \$26 to insure.

\$25 to Insure.

The BROOD MARES are by the following sires:
Harold, Cuyler, Princeps, Pancoast (2:25 1-4), Albion, Woodford Mambrino (2:21 1-2), Alexander's
Norman, Woodford Abdallah, Kentucky Rocket,
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PUBLIC SALE

### — OF — HORSES.

At MT. STERLING, KY. First Annual Sale at this place of 100 to 150 head of Horses, Mares and Geldings, to take place the lith and 2th days of April, 1884, con-sisting of Trotters, Roadsters, Saddlers, Cat-alogues will be out the latter part of March

## KENTUCKY

APRIL 15, 16, 17, 1884,

AT DEXTER PARK, CHICAGO, ILL

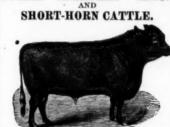
J. M. BIGSTAFF, Mt. Sterling, Ky., Will sell on April 15th, 1884, at Dexter Park, Chicago, Ill., from the Springfield Herd, 86 shorthorns, including two pure Bates bulls, one Place bull—the highest bred one we know of—Lady Bickerstaffs, Roan Duchesses Blooms, Rosabellas, Rose of Sharons, of the Renick Branch, Marys, Cowslips, Galateas, etc., topped by pure Bates, Duke and Oxford sires.

J. S. BERRY, of Sharpsburg, Ky., Will sell on the [15th day of April, 1884, Kirk-leyingtons, Roan Duchesses, Cypresses. Marys, Goodnesses, Filigrees, Rose of Sharons Amelias, Myrtles, etc. Among them will be fine Kirklevington bull out of imp. Kirklev-ington Princess 2d, sired by the Bates bull 8th Duke of Vinewood, a show bull.

JAMES CHORN, of Thomson, Ky., will sell on April 18th, 1884, at Dexter Park, Chicago, Ill., about 60 Shorthorns, of the following families: Craggs, Fletchers, Gem-Duchesses, Oxford-Cypresses, Bell Marions, Young Marps, Phylisses, Harriets, White Roses, Rosemarys, etc. The pure Bates bull Duke of Cornwall, will be ideluded in the sale.

HON. A. W. BASCOM, Owingsville, Ky. Will sell about 50 head of Shorthorns, from
the Siate Valley Herd, at the same place, on
April 17, 1884, of the following families:
Young Marys, Josephines, Young Physillises,
Gems, Vellums, Cowslips, Donna Marias,
etc. The pure Bates Fletcher Duke of Willmont and lith Duke of Kirklevington will
be included in he sale, together with a nice
lot of young buils of the above mentioned
families. For catalogue of either sale, apply to

J. M, BIGSTAFF, Mt. Sterling, Ky PUBLIC SALE POLLED ABERDEEN -- ANGUS



in the best strains of their respective breeds, the first product of the

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BUTTER THE STANDARD.

The animals comprising the foundation of the Eimwood Herd of Jerseys were selected many years ago solely for their butter qualities.

The long list of tested cows, with their grand butter records, that now comprise the Eimwood Herd or have been sold therefrom, is concluse proof that no mistake was made in the best obtainable females and oreeding them to the best of bulls. An examination of the pedigrees and the large butter records of the animals will convince parties familiar with the most noted butter strains that the bulls and cows in this herd are entitled to rank among the best representatives of the breed. An inspection will, we are confident, prove them as attractive in appearance as their unmistakable indications of quality would warrant.

Royalist III, 4500 stands at the head of the Eimwood Herd, and when the unsurpassed prize record of his ancestors for generations, and the average weekly butter record of his dam, imported Nelly 6465, and his sire's dam, Regina 32, I. H. B., are considered, Royalist III, 4500 is the peer of any Jersey bull. For further particulars address.

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## SHORT-HORN

### Dexter Park, Chicago TUESDAY, APRIL 22.

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Largest Herd, Best Quality,
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At the head of our herd are the four best
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We now offer for sale the best bred lot of
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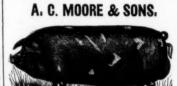
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I am selling choice 90-day Pigs at greatly reduced rates. Must have room for spring litters. Also, a few **Sows** and **Grown Boars**.

Short-Horn Calves. Bulls and Heiters, of fashionable colors and pedigree, coupled with individual merit, for sale at reasonable figures. Send in your or-ders and get choice stock while they are of-

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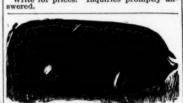
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THOROUGHBRED POLAND-CHINAS. AS PRODUCED AND BRED BY C. MOORE & SONS, CANTON, ILLS



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Pigs; Cotswold, Southdown and Oxford-down,
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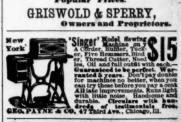
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in 50c. and 51.00 packages. Elegant Varieties. Our 20 cent package of best Embroidery Silk, assorted colors, free with every \$1.00 order. YALE SILK WORKS, New Haven, Ct. A QUARTER of a CENTURY

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## The Come Circle.

#### FANNY FROST.

Well may you first improve your faulty style Then better measured verses true con Your fourth is Alexandrine with a tail, (a Trochaic weeps,—'tis flatter than a quail. The fifth homeric is too full of rhyme,

It clumsy fell, so could not come to time. (b) Your seventh caucalled (c) too, Iambie not, But this, perhaps, unknowing, you forgot. Your ninth is caudalled too;—let this so pass

From last, so naughty robbed a tail, you

The last, for want of brains, you shorter Five feet, one-half, a fault just that, no more REV GEO. A. WATSON.

(a) One syllable over. (b) One foot too short (a) One syllable over. (b) Calculated (c) a verb, from the adjective caudal. Tailed

#### BETTER THAN GOLD.

tter than grandeur, better than gold, Than rank and titles a thousand fold, Is a healthy body and a mind at ease And simple pleasures that always please; A heart that can feel for another's woe, With sympathies large enough to enfold All men as brothers, is better than gold.

Better than gold is a conscience clear Though toiling for bread in an humble sphere Doubly blessed with content and health. Untired by the lusts and cares of wealth, Lowly living and lofty thought, Adorn and ennoble a poor man's cot, For mind and morais in nature's plan Are the genuine tests of a gentleman

Better than gold is the sweet repose Of the sons of toil when the labors close Better than gold is the poor man's sleep And the balm that drops on his slumbers deep Bring sleeping draughts on the downy bed, Where luxury pillows its aching head, The toiler simple opiate deems A shorter route to the land of dreams

Better than gold is a thinking mind A treasure surpassing Australian ore. And live with the great and good of yore, The sage's lore and the poet's lay
The glories of empires passed away;
The world's great dream will thus unfold And yield a pleasure better than gold. Better than gold is a peaceful home

Where all the fireside characters com The shrine of love, the heaven of life, Hallowed by mother, or sister, or wife, However humble the home may be,

was no Taken practically, the 'lowing kine and bleating sheep' lose much of the poetical aspect given them by dreamy-eyed poets, who as a rule—have had but little actual acquaintance with them. I stand

hard to talk with, for a shallow brains like me, at any rate. Of course I wanted to make myself as agreeable as possible, and as the weather is a never-failing topic of converstion, I remarked, as we gazed out upon the blowing, blinding snow storm: "This is enough to test one's patience, this snow, when we were ready to welcome spring, do you not think so, Mr. Smith?" And oh, my soul! but didn't he pour his good advice and bible quotations with lavish hand, or rather tongue, upon my upprepared and unsuspecting and most devoted head! Yes, my innocent words, uttered solely Yes, my innocent words, uttered solely to make the class to report to the Secretary law to the School the number of chapters read during the week. Of fifty or more scholars eighteen joined the class, with one exception, reported from seven to hundred chapters. The exception was a young lady who reported something about two hundred chapters be-surgeons who performed the operation. rather tongue, upon my unprepared and unsuspecting and most devoted head! Yes, my innocent words, uttered solely to help along the sluggish stream of our godly friend's conversation, in my pleasautest tone of voice, and with my smilingest face, gave him the text for an eloquent discourse addressed to a congregation of one, and that one poor, unwary me. I know that I was far from wise. I should have expanded with solemn mien, on the ways of Providence and the grain of good hidden in all our trials, etc., etc. Had I but guided my remarks in that channel, I would have taken him about right, and thereby missed a most interesting and instructive lecture. Well, experience is a dear teacher, and I intend to profit by the Rev. Smith's interesting remarks sufficiently to take great care to give the weather question a wide berth in any future conversations I may hold with that gentleman. Fearing I have overstepped the boundary of a short letter, I will make it no worse by writing more.

March 8th, 1884.

Benefits and Proper Methods of Reading.

Friend Walnut has assigned to me, the poorest scholar in the circle, the most complex subject. My mother's apronstring would have been more agreeable to my taste. The benefits and proper methods of reading at first thought seems a simple subject, but on a little reflection it strikes me that it would take a college-bred man to digest it fully in all its bearings—and how shall I, who never had the advantage even of English grammar, serve up this topic to make it even palatable to the array of talent embraced by the Home Circle of the Rukal World. Friend Walnut has assigned to me, the the RURAL WORLD.

Your errore would I not, so harsh amass.

Famed Homer had a nice poetic car,
Him would your faulty verse have caused to
fear.

Last candalled thirteenth comes to fill the become fairly versed in history, both state and church, theories, discoveries,

become fairly versed in history, both at state and church, theories, discoveries, science, poetry, etc., in the ages past, and also what is being done in our own time. Life, however, is too short for a person to have a thorough understanding of all science, history and literature. We may be in sympathy or accord with the author we are reading or not. We do should have opinions of our own correcting the things we read about. Error should be detected, but not endorsed. We may peruse some writers for amusement only, that scarcely make an impression on our minds, while others may be read that will make impressions that will be remembered as long as memory lasts. These impressions may be for good or evil.

For instance: Suppose a boy is permitted to read continually, without any restraints, the daring exploits of high-way robbers, and the cow-boy exploits in the far West, and tales of fiction, would he not grow up early in life to be a bad man. The young, active, healthy, growing boy, as all know, has a furlous appetite for this kind of food, and the impressions received from such books or the evil that may arise from the reading of bad ones. Now I will follow a different train of thought.

The difference is easily noted in the face of a man who reads and the person in the face of a man who reads and the person in the face of a man who reads and the person in the face of a man who reads and the person in the face of a man who reads and the person in the reading of bad ones. Now I will follow a different train of thought.

The difference is a gispath their souls within. Though dark the sky above them; Each sits enthrough life a king. And their state is a light their souls within. Though dark the sky above them; Each sits enthrough life a king. And the aking the latent strengthens as they go, with the active them with the attent strengthens as they go, with the hat strengthens as they go, with the active them. With the hat strengthens as they go, with the latent strengthens as they go, with the swo.

And make of earth

want of expression, a blank, a nonentry.

A man's brain should have food for 'poor man.' It's all Idyl's fault, for 'poor man.' It's all Idyl's fault, for saying what she did about the baby. I am sorry to see that the Home Circle has dependence for mind food is hearing others talk and general neighborhood intelligence. Hence the non-reader remainder the second head and strength of the second head and second hea ceives his brain food at second-hand, or perchance from third persons. Then by the time the impressions are received on his mind they do not give the feelings of pa'n, or sorrow, or joy that are experienced by one who can read for his collections. We have a class of persons also in

Hallowed by mother, or sister, or wife, However humble the home may be, Or tried with sorrow by heaven's decree, The blessings that never were bought or sold. And center there are better than gold.

—Father Rgan.

[From the Wildwoods.

—Father Rgan.

PROPER METHODS OF READING.

Methods of Reading. This topic could be spread out into an immense field of thought. The duty of parents to furnish their children live, active, moral litera-ture; the duty of parents to banish all murderous dime novel story paper liter-ature, destroying it as they would any poisonous serpents, if they have ever permitted it in their families.

Now, you learned men of the circle, who claim to be mighty in English grammar and the Grecian age literature, consider this paper, ponder over these plain sentences, sharpen up your darts, attractical for the control of the control advertise a shooting match, and if you lack ammunition, borrow it.

LAWRENCE, KAS., Box 939.

#### The World is Full of Earnest Men.

The world is full of earnest men, Who live to love and labor— To do the little good they can,

the reading of ball obes.

The difference is easily noted in the face of a man who reads and the person who does not read. The man who reads much is a thinker, and he shows it in his face; but in the man's face who does not read, there is a dead vacancy, a want of expression, a blank, a nonenity.

A man's brain should have food for the face of the face

and stops not for us to pick up the pre-cious minutes; but when we grope about for them they are gone all too soon. If I'm not thrown into the fire, you wil. see me in the Home Circle, try-ing to take some poor fe'low's part, if the roads are not too muddy.

MARY GLENDOLEN.

conversation, or a written address, eti-quette, in addressing them, imperatively demands the use of the word, "Father." Walnut, I must candidly confess, that I do not need either your encouragement when the same and the second standard of the second standard set of the second standard set of the second second set of the second seco

at Nashville, Tenn., proves to be a nun wh had escaped from an Ontario convent.

had escaped from an Ontario convent.

The Modern Tantalus is altogether the opposite of his great namesuke. The latter as a punishment from the gods for an infraction of their commands, was condemned to perpetual thirst, and immmovably fixed in water to bis chin. What must have been his feelings to see that fluid, which more than all the world besides, he wanted, within his reach, and he powerless to drink it! What a refinement of cruelty must be such a punishment. How different our feelings to his antitype, who though suffering from sickness all the time, having means to meet the cost of alleviating his allment, yet deliberate or the suning the choice arises from the torpidity of the liver, and can be dissipated and prevented by the use of that valuable elixir tonic the Home Stomach Bitters.

The Albert Lea, Minn., Standard reports

The Albert Lea, Minn., Standard reports that a Danish woman in the town of London recently became the mother, at a single birth,

#### IMPOSSIBLE ESCAPE. Absolute Truth with Colfateral Proof From Which There Can Be no Appeal.

For the past three years we have had a standing offer of \$5,000 for any statement of cure published by us which was not, so far as we know, bona fide. We did this in order that all readers might know the absolute truth of all our assertions and that they were based upon the ralue of our remedy and not upon idle words. Below we give a few extracts words. Below we give a few extracts from recent letters, which speak for themselves. We will only add that we could furnish one hundred thousand more of a similar nature did occasion require, but we believe the entire American public is now convinced of the positive value of Warner's Safe Cure.

H. H. WARNER & CO. Rochester, N. Y.

"Warner's Safe Cure does all claimed or it." MAJ. JAMES SINGLEY. Petaluma, Cal.

"I was cured of kidney disease and bleeding piles by 11 bottles of Warner's Safe Cure." B. H. HOWARD.

"I was a physical wreck by kidney disorder, but Warner's Safe Cure has completely curcd me." G. C. LANING.

Columbus, O.

"I was a sight to behold from kidney dropsy, but was restored to pertect health by Warner's Safe Cure."

JAMES ALLEN.

"My physicians said I would never get out of bed again. I took Warner's Safe Cure and felt like another being." F. CUYLER HUTCHINS. Beverly, N. J.

"I had 22 quarts of water taken from me caused by dropsy. Ten-bottles of Warner's Safe Cure entirely restored me," Geo. B. Peasley.

"A neighbor of mine, W. A. Thompson, has been raised from the dead by the use of your Warner's Safe Cure."

JOHN NORTON, P. M.

Summit City, Pa., Feb. Sth.

"Physicians said I could never b

cured of calculus and stranguary, but four bottles of Warner's Safe Cure entirely removed my complaint. T. O. LEWIS. San Francisco, Cal.

"I was wholly prostrated by a compli-cation of diseases and as a last resort purchased Warner's Safe Cure. Every one of the old troubles have disappeared and I am very grateful."

W. E. BENEDICT.

Press and Knickerbocker.

Press and Knickerbocker

Albany, N. Y.

"I want to state how much my husband has improved while taking Warner's Safe Cure. All swelling has disappeared from his limbs; his water trouble is much better and his voice is so improved that he preaches every Sabbath. We are very thankful. The people all around here are taking the remedy, and some are getting well by the use of a few bottles. Multitudes more must have it."

MRS. REV. F. A. SOULE.

Sing Sing, N. Y. Feb. 29th. Sing Sing, N. Y. Feb. 29th

"For a score of years I suffered with

what the doctors pronounced dilation and valvular disease of the heart, but now I am led to believe that the heart trouble was only secondary and a symp-tom of other complaints. Frequently I was threatened with death by suffocation, my breath failing me entirely. I became cold and numb, and was as near death as any living person ever has been. This was three years ago and I have ever since enjoyed complete health wholly through the use of Warner's Safe Cure." entirely. I A. BILDERBECK 28 13th street

Chicago, March 1st.

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NEW ORLEANS, La., April 6, 1883.
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a severe cold which settled on my lungs and uled my throat. I bought a bottle of Cough Sy
which I used without any benefit. I could do:
not just enough, and began to feel a heavy period.

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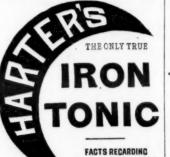
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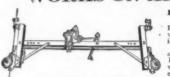
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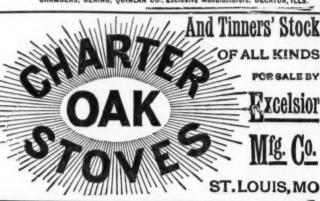


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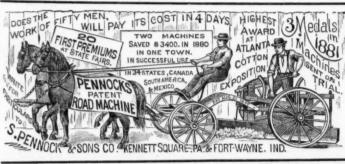
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## Che Dairy.

Officers Mississippi Valley Dairy and Creamthere are already 1,300 in operation in the West alone, and if the commercial ery Association.

President—Norman J. Colman, St. Louis, Vice President—Jos. W. Drury, Waterloo, Ill. Second Vice President—Joseph E. Miller, Bellville, Ills. Total Control of the Control o

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butter with less skimmed cheese.
There has been enough already developed in this new departure to convince the most skeptical that better and more butter can be made than in the old way.
When compared with the old system the There has been enough already developed in this new departure to convince the most skeptleal that better and more butter can be made than in the old way. When compared with the old system the results are simply grand; taking, as it does, the cream from the farmer's door, releasing him from the labor of making the butter, as well as the expense of bringing about him those expensive conveniences requisite for the manufacture of even a fair quality of butter, aldoes, the cream from the farmer's door, releasing him from the labor of making the butter, as well as the expense of bringing about him those expensive conveniences requisite for the manufacture of even a fair quality of butter, always paying him as much for the cream that it takes to make a pound of butter as his butter would fetch after he had made it at home, and paying cash instead of store pay. The manufacturer, with his improved appliances for gathing, churning and working, converts the or the simproved appliances for gathering, churning and working, converts the cream into an article demanded by the best home, as well as foreign trade, virtually bringing the most obscure farmer of the distant West with his two or three cows right into competition with his more favored neighbors that may chance to live near the great dairy centres of to live near the great dairy centres of Elgin, or Herkimer, and instead of having to rely upon a home trade on account of the low grade of his butter, can have the whole world for his customers. Now at this age of dairying it would be folly at this age of darrying it would be folly to institute a comparison between the new and the old way, unless we can show money and advantages upon one side or the other, for there is no argument among men so good as the almighty dollar, and our 25 years' experience in dealing with dairymen leads us to believe that they are no exceptions to the wile. In my, comparison of the to the rule. In my comparison of the two systems will try and show where the dollar comes in. First, we say to the farmer that has no taste for diversified farming and wants an excuse to go to town or factory every morning, that some of the items entering into our calculations will count for naught, but to culations will count for haught, but to the man who would make the most of his time and milk there are advantages in the Fairlamb system that are worthy your consideration. The creamery sends its wagon to your door after your cream, its wagon to your door after your cream, paying at least as much for it as you could get for the butter, were you to make and market it yourself, and with the new appliances for gathering cream, enable you to get one-eighth more cream than in the old and ordinary way of setting your milk. For instance, the dairyman that is making eight pounds of butter per day would have an increase of 365 pounds in the year, at 20 cents per pound would amount to \$75, besides being relieved of the labor of making the butter or even skimming the milk. Now in comparing this with the old and better established method of association dairying, we may have a more difficult dairying, we may have a more difficult task to show the dollar upon the side of the Fairlamb system, and as this convention wants facts and nothing else, we will make the comparison, drawing from our own experience in both branches of our own experience in both branches of co-operative dairying, and from the experience of others. Now, the milk producer that is selling his milk or sending it to a factory for the six winter months, has sold it for, or expects about \$1.30 per hundred pounds. This is about what he will get if we base the price upper the relies that have ruled for example.

on the values that have ruled for creamery butter and skimmed milk cheese af-ter deducting manufacturing and marketing expenses.

Now let us see what this farmer would have done had he sold the cream instead of the milk. First, he would have gotperienced to go slow, for there are many drawbacks to the business in Missouri of the milk. First, he would have gotten four and one-half gauges of cream, equal to 41-2 pounds of butter per 100 pounds of milk, which would have broughthim 25 cents per gauge, \$1.12 1-2, add to this the value of the skimmed milk, 25 cents, and we have \$1.37 1-2, now add the saving of 10c per 100 pounds for carrying to the creamery, and we have \$1.47 1-2 against \$1.30, a difference of 17 1-2 cents per hundred pounds in drawbacks to the business in Missouri— more than in the older dairy regions. A few I will mention: First, Want of proper shelter for cows; and second, good dairy cows. I have been in the business five years, and my of 17 1-2 cents per hundred pounds in favor of the Fairlamb plan. Now I think there will be no difference of opinthink there will be no difference of opinion in the items above, except it may be not let the ealf have one side, and a woman to not in the matters of carrying milk to a creamery and the value of the skimmed milk as a bushel of corn to feed; not to feed alone, but, as one of the lilinois farmers put it, he said: "If I had 20 hogs to fatter and 100 bushels of the corn for feed them, I should make money by exchanging 20 bushels of the corn for feed them, I should make money by exchanging 20 bushels of the corn for feed them. I should make money by exchanging 20 bushels of the corn for feed them, I should make money by exchanging 20 bushels of the corn for feed; not feed in the feed in the feed in the item above, and give her all times in a cup, and pouring the milk in a creamery the average distance, the farmers of the esent of a strong-smelling stable, or any other offensive odor, will receive taint that will never leave it." —It is claimed that while eave staint that will never leave it." —It is claimed that while neous giving stable, or any other offensive odor, will receive taint that will never leave it." —It is claimed that while neous giving stable, or any other offensive odor, will receive taint that will never leave it." —It is claimed that while neows giving set that the cow properly behaves here set; if not, to take a good hickory stick and exercise her around the yard till she it the can't he dere that the cow properly behaves here set; if not, to take a good hickory stick and exercise her around the yard till she it tred enough to stand blue that will never leave it." —It is claimed that while neows giving well that will never leave it." —It is claimed that while neows giving well that will never leave it." —It is claimed that while neows giving well that will never leave it." —It is claimed that while neows giving well that will never leave it." —It is claimed that while neows giving well that will never leave it." —It is claimed that while neows giving each leave that the will never leave it." —It ion in the items above, except it may be place the value of 100 pounds of skimmed milk at 25 cents; more will tell you that they had as leave have 100 lbs. of skimmed milk as a bushel of corn to feed; not to feed alone, but, as one of the Illinois farmers put it, he said: "If I had 20 hogs to fatten and 100 bushels of corn to feed them, I should make money by exchanging 20 bushels of the corn for 2,000 lbs. of skimmed milk, and feed them 2,000 lbs. of skimmed milk, and feed them the 80 bushels of corn with the 2,000 lbs. of skimmed milk. I am sure I would make more pork and in less time than I could to have fed the 100 bushels of corn alone." Another said "I am milking 15 cows and raising 12 of my bear to the said NEW YORK, Feb. 20.—The committee of the New York state senate to investigate the public health of the city as affected by the manufacture and sale of adulterated articles of food met today. The first witness was C. H. Robinson, buttering meanfacture of Chicago. best calves. I take about two-thirds of my skimmed milk and add a little oat-meal and grain, and raise calves that make as good yearlings as my neighbors, who let their calves suck the cow, the other one-third of my milk I feed to six brood sows, with an average of six pigs

each, and by thus using my skimmed milk, I think it worth 30c. per 100 lbs."

My own experience leads me to place the value of 25c per 100 pounds upon

management in all of the gathered cream

than we could educate men to work them, and which should not be charged up to the system. We honestly believe that the gathered cream plan is yet to revolutionize the manufacture of butter in the United States, if not the whole

COL. COLMAN: I wish some informa-

ion, and being only a farmer and raised

The Dairy Boom in Missouri.

Chicago Butter.

t reasonable prices?

Dorsey, Ills.

plan, and so does it need careful management in the butter and cheese factory to bring \$1.30 per 100 lbs. for milk in the six winter months. Notwithstanding the fact that the Fairlamb system is new, there are already 1, 200 in operation in Frequently we pick up a paper which dvocates the making of sweet cream butter; that of churning the cream before the lactic acid has made its apbefore the lactic acid has made its appearance. They argue that a finer flavored butter can be made in this way than under the old system of letting the cream ripen. But such is not the case, and it is generally admitted that the butter made at Elgin is the best made in the country, when the quality made is considered, and recently we asked a noted butter maker for his views on the questions, when he said: "A test was recently begun in a factory where both butter reports are consulted it will be found that no other business in our country has made so wonderful a development with so few failures. Some of us can go back to the early success and failures in We continue this week the speeches delivered and essays read at the late meeting of the Mississippi Valley Dairy and Creamery Association, at St. Louis.

Collecting Gream vs. Whole Milk.

I. H. WANZER, OF CHICAGO.

The system of cream gathering, or what is termed the Fairlamb system, is comparatively new, and all of its benefits have not yet been brought out, and we feel at a disadvantage when comparing it with other forms of association dairying better established. As yet, this form of dairying has shown to better advantage in the newer and more sparsely settled portions of the West, where stock-raising has been one of the points considered by the farmer. So well has it worked in the new dairy districts that the older ones are looking it up, inasmuch as it offers better opportunities for diversified farming. This plan is showing us how to get more good butter with less skimmed cheese.

There has been enough already developed in this new departure to convince the most skentical that better and must be made upon the gathered.

In a greating the systems whereby an article of butter and cheese whereby a article of butter and cheese ould be made in the West that might be accepted in the markets of the world; and the butter and cheese of the bush mount the cheek of those that look of the cheek of those that look of the cheek of those that look of the bush mount the cheek of those that look of the cheek of those that look with discompany the world and the butter and devenese are made, to determine the economy of the plan of churning the butter, and the proper dicted our fallure. Now they come to us for advice. So we would say to those that look with discompany to use the bush of the points form of dairying and to success, as many of us who helped to bear the burden.

In the points and the putter and the proper dicted our fallure. Now they c inaugurating and perfecting the systems whereby an article of butter and cheese

-A correspondent of the Country Gen-

"Heifers that breed young generally make the best cows at maturity. If a heifer has a small bag when she calves, heifer has a small bag when she calves, it will increase with age, and when she is at middle age she is altogether better than one that is kept back until she is a cow before she breeds. One three years old before she breeds may do well the first season, but never does well again. The young heifer will begin small and do best at maturity. These conclusions are arrived at after more than fifty years' practical experience. I have known a heifer to drop a healthy calf three days before she was twelve months old, and she had no unusual trouble, and was as well and healthy as any cow. I increase the chances of gain, but put the farmers' boys in a way to become acquainted with more than agricultural pursuit, with a tendency to enlarge instead of narrowing down the mind.

Besides the Fairlamb system would give each dairyman the opportunity of raising their own cows instead of filling up the waste by going out among those that follow this form of dairying and taking up with the culls of the herds: In the tendency of other forms of associated adarying being to lower instead of electronic value for the tendency of the forms of associated adarying being to lower instead of electronic value for the tendency of the forms of associated adarying being to lower instead of electronic value for the tendency of the forms of associated to that the finest goods are being turned out of gathered cream creameries.

To be sure the rapid development of this form of butter-making has necessitated the employment in many cases of unskilled operators, caused by the fact that creameries have been built faster that creameries have been built faster that we could educate men to work them. was as well and healthy as any cow am the owner of a cow that dropped her first calf at seventeen months old, and was always small of her age. She has always done well, and never needed the aid of a veterinary surgeon."

We think in the dead of the hold of the ho We think the very best way for a farmin the United States, if not the whole world. Joseph Sampson says that the gathered cream plan is to the West what Robert Fulton's invention was to navigation in the East. We predict that within ten years four pounds out of every five of butter made will be manufactured upon this plan. We confidently expect this system to go on in its triumphant march, and some of us, now advanced in life, will live to find it as strange to find a milk pan or churn in the farmer's home as it is now a spinning wheel or loom.

The good people of Lamar subscribed \$6,500 for one of the very best last week.

—The Chillicothe creamery is now pay-

tion, and being only a farmer and raised at the plow, and seeing you are interested in my line of business, I take the privilege of writing you for information. As soon as the spring work has opened, I wish to make a trip through part of your State with the intention of locating. As I wish to know how land could be bought or rented near enough one of those creameries to handle milk or cream, as I would like to keep 40 or 50 cows, and also farm, or if not, could you refer me to some one for information, where good farming land could be had at reasonable prices?

By so doing you will much oblige—by letter or in your valuable paper.

J. C. HAYES.

EDITOR RURAL WORLD: It gives me much satisfaction to see the boom the dairy interest is taking in Missouri, and that the RURAL WORLD is its great organ to speak to the farmers of Missouri, and show them the better way of living on the farm, than to plow and draw all the products to the railroad. But while this is being done, let me caution the inex-

—The American Dairyman says: A hay-seed in a cow's eye will turn it white. It will come all right in a day or two if left alone. If doctored we don't know when it will get well.

been in the business nive years, and my greatest trouble is to buy good cows. There are as many cows here as in any other State, but they have been so badly educated they are unfit for the dairy. The only way to get milk from them, is to let the calf have one side, and a woman or girl the other—milking with one hand in a come and pouring the milk in a significant that will never leave it."

the drugs usually given for this pur-pose permanently injure the diges-tion, which is all important for the ani-mal either for beef or milk.

day. The first witness was C. H. Robinson, butterine manufacturer of Chicago.
He stated the product was made principally from lard oil, which was rendered
at a temperature of about 140 degrees
Fahrenheit. All impurities are well
eliminated. About half the product
manufactured by the firm in Chicago
was shipped to New York. There was
another product manufactured by the
firm called "suine," which contained a
larger proportion of lard than butterine.
It cost 20 3-4 cents per pound to manufacture the product, and it was sold at
wholesale in the city at 25 and 26 cents.
Witness said he always used the product

the value of 25c per 100 pounds upon skimmed milk.

It will be conceded by all that in order to give calves and pigs a fair start in life they must have milk. These calculations would place the dollar upon the Fairlamb side.

These conclusions anticipate good firm called "suine," which contained a larger proportion of lard than butterine. It cost 20 3-4 cents per pound to manufacture the product, and it was sold at wholesale in the city at 25 and 26 cents. Witness said he always used the product in his own family, and they preferred it to the best creamery butter that could be produced in Chicago.

## ROBUST HEALTH

Is not always enjoyed by those who seem to possess it. The taint of corrupted blood may be secretly undermining the constitution. In time, the poison will certainly show its effects, and with all the more virulence the longer it has been allowed to permeate the system. Each pimple, sty, boil, skin disorder and seense of unnatural lassitude, or languor, is one of Nature's warnings of the consequences of neglect.

### Ayer's Sarsaparilla

Is the only remedy that can be relied upon, in all cases, to eradicate the taint of hereditary disease and the special corruptions of the blood. It is the only alterative that is sufficiently powerful to thoroughly cleanse the system of Scrofulous and Mercurial impurities and the pollution of Contaglous Diseases. It also neutralizes the poisons left by Diphtheria and Scarlet Fever, and enables rapid recuperation from the enfeeblement and debility caused by these diseases.

### **Myriads of Cures**

Achieved by Ayer's Sarsaparilla, in the past forty years, are attested, and there is no blood disease, at all possible of cure, that will not yield to it. Whatever the ailments of this class, and wherever found, from the scurvy of the Arctic circle to the "veldt-sores" of South Africa, this remedy has afforded health to the sufferers by whom it was employed. Druggists everywhere can cite numerous comes with by whom it was employed. Druggists everywhere can cite numerous cases, within their personal knowledge, of remarkable cures wrought by it, where all other treatment had been unavailing. People will do well to

### Trust Nothing Else

than AYER'S SARSAPARILLA. Numerous crude mixtures are offered to the public as "blood purifiers," which only allure the patient with the pretense of many cheap doses, and with which it is folly to experiment while disease is steadily becoming more deep-seated and difficult of cure. Some of these mixtures do much lasting harm. Bear in mind that the only medicine that can radically purify the vitiated blood is

Ayer's Sarsaparilla, PREPARED BY

Dr. J. C. Ayer & Co., Lowell, Mass. Sold by all druggists; price \$1, six bottles for \$5.

—A Vermont dairyman says a young calf should be fed three times a day. Overfeeding at long intervals, and especially with cold food, kill a good many valuable calves.

handling young heifers until after they have dropped their first calf. At this time their bags are apt to be swollen and tender and the task of accustoming them to be milked is more difficult. The operation trained that the specific property is the same of the same than the same th -The Chillicothe creamery is now paying \$850 per month.

-An attempt is being made to establish a creamery in Springfield.

-There is an earnest movement to establish a creamery at Palmyra.

-Lebanon, Laclede county, like the rest, is raising money to establish a creamery.

-The first thing to be milked is more difficult. The operation tends to enlarge the bag and the teats, and with good milking stock may make it necessary to draw milk once or twice a day for a week or more before the calf is dropped. Do not begrudge the extra trouble that this makes. It is a sign that the heifer will prove to be a deep milker.—Cultivator.

-The first thing to be aimed at in get-

rest, is raising money to establish a creamery.

—They have established a creamery at Harrisonville, and the best results are expected.

—Milo Moore, who is furnishing milk for the Clinton creamery, has realized this month, as cold as it has been, a fraction over \$4 from each of his cows.

—Louisiana is to have a creamery. —Louisiana is to have a creamery, called the Pike County Creamery Company. The building will be erected by April. The capacity will be 2,500 pounds of butter per day.

of butter per day.

—Independence has the best creamery in the State. It does an immense business, is not only a source of wealth to its proprietors, but to all those who furnish it cream.

—Dairy Notes.

—The American Dairyman says: A haysed in a cow's eye will turn it white. It will come all right in a day or two if left alone. If doctored we don't know when it will get well.

good one.

—Many notice at this time of the year, say a dairyman, an unaccountably bitter taste in their cream. You feel that you have done your duty in keeping your cream too long at a low temperature. It is claimed that the acid that alone. If doctored we don't know when it will get well. bitter, who think they are taking the best of care by keeping it "cold and sweet." The remedy then would be, as to temperature, to keep your cream a very little above 45 degrees at all times if you wish to furnish the best cream.

the drugs usually given for this purpose permanently injure the digestion, which is all important for the animal either for beef or milk.

—A memoer of the Vermont State Board of Agriculture is authority for the statement that there are now over fiften dairymen in the State who are making an average of 300 pounds of butter per cow, annually, from their entire herds, while the average for the country is probably not more than from 125 to 150 pounds.

—Mr. Victor M. Drake tells the same paper how he represses devotion to perpetual motion on the part of self-sucking cows:

"Tie short, and apply aloes to the teats immediately after milking. The pungent bitter taste of the drug, after one or two applications will generally effect a cure. Keep up the treatment for The recent record of "Mercedes," in

"Rough on Corns," for Corns, Warts,

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or the formation of an Association looking to that end.

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sat Johnsdaga F. F. Table and Dairy Sali The Purest, Strongest, Best and Cheng est Salt made. Warranted as pure as any Triumphant everywhere. At Buffalo it the State test of '67; at the New York But ter and Cheese Exchange test, '75; at the Mil waukee Grand Union Dairy Exchange Fil 183, taking all the leading premiums an sweepstakes but one, tying its rival or that, over four foreign competitors. Sol manufacturers, the American Dairy Salt Co. L. Add'ss J.W.BARKER, Sec'y, Syracuse, N. Y.

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making the m carrier known. Send to HANEY & CAMPBELL, Bellevue, Iowa.







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GRAVE ROBBERS. Manufactured by The Springfield ecessors to the

irave Vault Co

Prompt Relief.

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Restore Health and Vigor.

## Che Stock Pards.

Weekly Review of the Live Stock Market. The receipts and shipments for the week ending Tuesday, April 1st, were as follows:

			Horses and
Wednesday       2105         Thursday       2648         Friday       659         Saturday       141         Monday       1761         Tuesday       1732	Hogs. 3892 4863 2175 600 4323 4535	8heep. 705 1855 1284 2554 3933 306	mules. 124 68 225 22 306 134
Total9,046 Last week8,111	20,388 21,037 MENTS.	10,637 7,760	879 954
SHILL	RENID.		Horses
Wednesday     865       Thursday     496       Friday     1492       Saturday     1541       Monday     302       Tuesday     78	Hogs. 1173 1723 1822 2078 1586 599	Sheep. 1579 1830 548 426 2440	and mules. 42 60 321 271 183 93
Total7,775	8,981 9,974	6,823 3,128	970 930

onsiderable numbers during the winter.

The Texas Wool Grower says the sheep of Texas increase in numbers at this time of the year at the rate of 3,000,000 a month for one month. When this lambing is well over, the sheep in the State cannot number less than

been in the city purchasing cavalry and ar-tillery horses, 500 head being required. The first to be geldings 15 to 16 hands, and not less than 5 nor more than 9 years old, hard e lors, 64 0, pigs \$4 50@5 75. ound in all particulars, and broken to saddle. Heretofore it has been the custom to buy horses for the army by contract, which had many disadvantages to buyer and sellers, but this year the board [will buy of any one who has horses to sell, and will make no contracts.

The Devon cattle breeders of the United States met at Pittsburg the 26th inst., and or ganized a national association.

At Montreal, Canada, the Abattoir Company has brought a suit for \$100,000 against the city

for not enforcing the law compelling butchers to slaughter in their establishment. New York at prices ranging from 182 25 to

A car company in this city has orders for the refrigerator cars, to be used in the Texas meat trade.

At a meeting of the stock association, re-cently held at Vinita, Indian Territory, it was decided that the general round up should begin May 1st. A committee, appointed to nfer with the St. Louis and San Francisco realroad in regard to stock killed by said read, agrees with the agent on the following basis: For calves killed, \$10; yearlings, \$17; 3-year-old heifers and upwards, \$30; 3-yearsteers, \$32 50; 4-year-old and upwards,

Northern Nebraska, a territory usually tributary to Chicago, has of late been send-ing cattle to St. Louis, and shippers have ex-pressed themselves highly pleased with our Augustus Schell, the late deceased New

York millionaire and politician, and Mr. B. Muriburt, of Cleveland, were both stockhold ers of the National Yards.

ors of the National Yards.

Chicago has evidently taken the alarm at the rapid increase of our live stock trade and is afraid that St. Louis is robbling her of her prestige as a stock market. The Drovers' Journal and the Tribune are both howling at WHEAT—Received into elevators; during what they term unjust freight discrimina-tion; the former says:

they wanted right here at home? Why datit, unless rates are cheaper there? Lower treight rates are given from St. Louis than from Chicago. It is charged that this course is being pursued for the sake of bolstering up the declining of stock of the yards there. Sam Allerton, John B. Dutcher and others are interested in the St. Louis yards, and are casting their influence that way. There's ntly an African in the woodpile some

The facts of the case are that the windy the facts of the case lead that the while St lefty by the lake has been losing while St Lonis has gained immensely in receipts, but more especially in the good opinion of shippers and feeders, who are the ones to build up a market, and they, and not the railroads, are the ones that are discriminating. With-out going into detail, it is sufficient to say, last month our market has gaine Sper cent. in logs, and over 21 per cent. in cattle. Chicago, during the same time, lost 16,831 cattle, as compared with the same time last year, and 91,478 hogs. This is why the ntioned above, patronize this mar-

The cattle quarantine in Kansas has been entirely removed.

Three years ago there were not 30,000 head of sheep in the region of the Yellowstone ; now there are over 500,000. The packing statistics show that in winter

packing, the country is 730,000 hogs short of fast year, of less average weight and less avrield of lard.

New York papers inform us that over 100 butchers in that city have formed an association to protect them from what they design "The ruinous competition of Western

dressed beef," which, it is claimed, is arriving there at the rate of 2,000 carcasses a week.

CATTLE—The general market was not in a very satisfactory condition during the week nnder review The comparative lassi-

tude observed at the close of last week con-tinues well into this and to quite an appre-ciative extent. The Eastern demand failed to show any improvement although the movement still continues, and each day the pens were pretty well cleared, but the rates of the preceding week were entirely 'lost, and throughout the week values reed in buyers favor, which, however, did ppear to stimulate the demand to any There was a somewhat stronger he market for a few days subsequent

se, but previous to that time, the business was light, and while there ure to sell, it was impossian active movement. However, seed, the foot and mouth scare ted, it is but fair to anticipate

of a revival in the trade the comnyers working strongly for lower prices, salesmen were just as firm in not ng. As a result the trade was small. and irregular, and it was found at times that concessions would have

to be made in order to sen. We quote:	Ι.
Exporters	
Good to heavy steers 6 06 @ 6 25	1
Light to fair steers (grasses) 5 25 @ 5 65	1
Common to medium nat. steers. 4 90 @ 5 25	13
Fair to good Colorado steers 4 85 @ 6 00	ı
Bouthwest steers 4 25 @ 5 65	1
Light to good stockers 3 50 @ 4 50	
Fair to good feeders 4 50 @ 5 15	1
Native cows and heifers 3 75 @ 4 60	1
Scalawags of any kind 2 75 @ 3 50	1
Oornied Texas steers 4 75 @ 5 80	
	1
Veal calves 6 00 @ 13 00	

HOGS-There has been a continual light ovement in the hog market, and at no time was any urgency remarked in the demand from any class of buyers. Fortunately the arrivals have proved light, and salesmen were not only enabled to maintain prices, but to advance them a little, notwithstanding outside influences favored lower prices

ing outside influences favored lower prices. On the opening day the market was quiet, but the small supply was readily closed out at an early hour, at figures varying as follows: Common to good mixed packing 64 400 690, Yorkers \$6.3506 59, light hogs \$506 30, pigs \$4.5005 75, and butchers to selected \$6.8507 43. Thursday buyers were slow and reports from other markets unfavorable, and it was found that in order to effect sales, prices would that in order to effect sales. that in order to effect sales, prices would have to come off, the movement being at a decline of 10c. Common to good mixed packers selling at \$6 30 @6 80, Yorkers \$2 35@6 645, lights \$6@6 20, pigs \$4 50@5 70, and butchers to extra \$6 75@7 00. On Friday the supply was unequal to the demand and values ad vanced to about the old figures. Sales were made rapidly, and the pens soon cleaned at \$6 356 50 for Yorkers, \$6 40@6 90 for packing, \$6 80@7 15 for butchers to extra, and \$4 75@5 75 

nonth. When this lambing is well over, the heep in the State cannot number less than 0,000,000.

The market closed weak at a decline. The demand was, however, good, and at the reduction buyers were enabled to clean up most of the offening on the following heats:

	60 40, pigs \$4 5065 75.
	HORSES,
	Heavy draft \$150@225
	Drivers 125@200
	Streeters 110@140
ì	Southern, fair to extra
	Saddlers 110@170
	Plugs 50@ 75
	Cavalry 115@135
۱	MULES.
ı	13 to 13% hands,4 to 8 years old 60@ 90
ı	14 to 14% hands,4 to 8 years old 90@100
ı	15 to 15% hands, 4 to 8 years old 110@130
1	15 hands, 4 to 8 years old 130@150
1	15% to 16 hands, 4 to 8 years old, extra 150@180
ı	Old plugs 40@110
1	SHEEP-Owing to depressed Eastern mar-
ł	
1	kets and a lack of movement, the market
1	during the fore part of the week ruled week

during the fore part of the week ruled weak at a decline. But later these influences being removed, the decline was regained, the de-mand picked up, and trade was active to the close, top bringing \$5 75@6 50 for ch fancy, fair to good \$4 75@5 50, medium \$4 25@4 50, and common \$3 25@4.

#### Horses and Mules.

The local demand for all grades of horses continues large and the moderate supply not ample to go around. The United States govrnment officers are buying good sound geld ings for cavalry service and cannot obtain them as fast as they desire. Mules were slow of disposal. The supply has fallen off, and this helps the market in a measure. Extra heavy mules are the best selling.

### GENERAL MARKET.

FLOUR-The demand has been quiet, but the general market was without material change. The best grades were a little easier to sell, but all other grades were in scant supply and consequently well sustained in We quote: Extra fancy, \$5 35@5 60;

WHEAT-Received into elevators during week 107,811 bushels. Withdrawn 111,310 with is charged that the railroads are now discriminating seriously against Chicago in the matter of eastern freight rates; that cervice has been discriminating seriously against Chicago in the state decline and pressure to sell has been quite demoralizing. The close was cheap city and St. Louis to New York. The chose was cheap city and St. Louis to New York. Why do buyers like Eastman, Walxel, Mon-roe, Doud, put extra men at St. Louis at extra expense, when they could buy all the cettle they wanted right here at home? Why small milling demand for eash grades, and SWE in the state of the could be supported by bushels. The future market has been a de-\$1 08\( \), April \$1 09 to \$1 08\( \), May \$1 08\( \) to \$1 07\( \), Use from \$1 04\( \) to \$1 03\( \), July 94\( \) to \$3\( \), unsalable. Sale 200 bbls fancy red at \$250 small milling demand for cash grades, and lower prices were paid as sellers found that they could not dispose of their stocks except by conceding declines. The close was lower at \$1 08% to \$1 08% for No. 2 red regular, No. 3 do 97 in E, No 4 90 asked, 8614 bid rejected, 68 in E., to 68% in St. Louis.

CORN-Received into elevators during week 574,045 bushels. Withdrawn 775,099 bushels. Options have held up very well, an things considered, though the feeling has been more or less unsettled, and prices have fluctuated irregularly. The close was easier at declines of 1/2 @1/2. March 48% bid. April sold at 48% to 48%, May 50% to 49%, June 51% to 51%, and July at 53 to 52%. Cash grades have been in demand and well sustained in prices, selling well to speculative and loca buyers. The close was firm. No. 2 mixed 48% to 48%, No. 2 white mixed 53% to 48% to 48%, No. 2 white mixed 53% to 48% to 48

OATS-Received into elevators during week 102,358 bushels. Withdrawn 66,278 bushels. Futures closed dull and easier in sympathy with wheat and corn. May sold at 33% to 33%, April and March had 32% bid. Not a sale of cash was made, though buyers were willing to pay higher prices, offerings were scant and held very firm. No. 2 33 bid regular and 34% in St. Louis, rejected 32% bid regular and 33 for St. Louis.

HAY-Offerings continue light and prices frm. Choice to fancy very scarce, and wanted on local account, while lower grades were quiet. Sales: On E. trk—2 cars prime timothy at \$12; this side-125 bales choice mixed at \$12; on trks—1 car choice prairie at \$10 50, 2 prime and choice mixed timothy \$10@11 50, 1 ommon do at \$9,3 prime timothy at \$12,2 do at \$12 50, 3 strictly prime at \$12, 2 choice at \$14. HIGHWINES-Steady. Sales 178 bbls at

BUTTER-Very quiet and easy; local retailers (who were about the only buyers) were generally holding off for lower prices; supplies increasing. We quote: Fresh cream-ery at 30@33c—fancy 34@35c, inferior less; choice fresh dairy 28@30c; good medium to prime 20c@25c; common to fair 8c@12%c; sweet ladle packed, of good color, 20c@25c; near-by country-make 7@9c to 16@18c; roll—northern 20@24c; country 16@22c; grease 6@

CHEESE-Quiet. Full cream 13@15c; prime to choice part skims 10@11c; inferior at 3c for low to 6@7c for fair. EGGS—Receipts (48 hours) 3,800 pkgs. Low-

er: prices easing off from 15%c early to 15c later. Lots in irregular pkgs %@lc less. Goose eggs quotable 40@450

POULTRY—Live chickens in large receipt, which, with some held-over stock, caused tendency bearish. Supply large, and lower prices to prevail; sales generally at 25c \$3 25@3 50 for mixed, \$3 75@4 for hens. Other doz. or 13@15c # 1 by weight; ducks \$3 50@4 geese \$3@4 plucked, \$5@6 feathered. No dressed offering.

ressed offering.
VEALS—Plentiful, with a pretty good de mand. Choice, milk-fed at 8%c # B, fair to good 7@8e, heretics 5@6c.

POTATOES-Dull and weak; plentiful choice seedling stock alone excepted-it was scarce, in fair demand, and steady, Near-by growth at 25@27%c; Northern at 35c to 40c, Eastern at 40@45c. Sales: I car bulk near-by growth at 35c del., I car bulk Northern fluke at 38c, 2 cars bulk Eastern burbank at 42%c.

#### INDIGESTION AND CONSTIPATION ARE CURED BY

### AYER'S PILLS. Kidney Diseases

Dyspepsia

Is one of the most dangerous of the disease caused by these complaints. Affecting as it does the centre of life—the stomach—it quickly deranges and imperlis the whole system, physical and mental. Its symptoms are manifold, and many of them so serious that they are generally regarded and treated as special maladies.

Kidney Diseases

Kidney Diseases

Also spring from disorders of the digestory of the method only exceedingly painful in themselves, but have symptoms, such as Dropsy and Rheumatism, which are of the gravest character. The work of the kidneys is the purifying of the blood. When, through disease, they cease to do this,

The Only Cure

For the various forms of dyspeptic discases, is in a medicine that will remove its primary cause, by restoring the stomach, liver, kidneys, and bowels to a healthful condition. Any other treatment is as uscless as an effort would be to make a watch keep time by simply gilding its case, when it had a broken main-spring.

Hust be accorded to avert most serious consequences. Medicines that lull their pain by dulling their sensibility, or that stimulate them to unnatural activity, do infinitely more harm than good. To restore them to health, the kidneys must be cleansed, their inflammation allayed, and their strength restored.

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Are the best medicine to accomplish the necessary work of cleansing, stimulating and restoring. They are more thorough in their purgative effect than any others, not not locally than any others. Not only do they, at once, by a moving yet are not violent in their action, exercise a powerful influence for good upon the other vital organs as well as the bowels, and effectually Banish Disease. For Billiousness, Jaundice, and other evil consequences of hepatic disorders, there is no remedy so prompt and thorough as AYEK'S FILLS. They are also, by their efficacy in regulating the digestive functions, of the greatest value to women in the most critical stages of existence.

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were sprouted or sprouting rapidly, and dealers would buy only enough for pressing wants, in consequence. Prime comparative ly free from sprouts, quotable at 89@85c per bu. for yellow to 85@95 for red; in bbls at \$2 to \$2 25. Inferior stock nominal—practically SWEET POTATOES-Eating varieties in de

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50 \$\psi\$ bbl. as in quality.
TURNIPS—Old sell on orders at \$1 75 \$\psi\$ bbl. ots in sacks at 40@55c.

PARSNIPS—Home-grown at \$3 ♥ bbl.on or-CARROTS-Dull at \$1 75 th bbl on orders.

BEETS—Sell at \$1 75 # bbl on orders.

HEMP SEED—Scarce. Native salable at

\$2 50; Russian at \$2@2 20. APPLES-Lower and slow. Offerings dejected do 48 to 50 bid, new white mixed 53%, rejected 45% to 45%, new mixed 46% to 47%, no grade 42% bid.

OATS\_Prophysical Control of the co

white. DRIED FRUIT-Quiet. Apples-fair at 6@ 8%c, prime 6%@6%c; evaporated nominal at 8c to llc. Peaches—mixed and fair halves 5 @5%c, prime halves 5%@6c, choice do 6%c; Inferior, very dark and wormy, less.

GRASS SEED-Steady with a fair demand for the better grades; inferior stuff dull as ever and plentiful. German Millet—sound clean bright 45656c, low to fair 25c to 35c; common millet 30c to 45c; Hungarian 40@50c; timothy from \$1@1 10 to \$1 27%@1 30; clover at \$6@6 25; redtop at 40c to 50c. Sales:—German Millet—1 car at 45c, 2 at 47c; timothy—30 sks at \$1 24; redtop—18 sks at 42%c; clover-small lots at \$6 10@15.

SORGHUM—Scarce at 30@32c.

POP CORN—Prime quotable in lots at 11 2@
1-2c—latter for choice white.

CABBAGE—Firm; light offering. We quote New Mexico stock from first hands at 4c # 18; Northern jobbing from store at \$2 75@3 50 \$

SEEDS.				
Net cash retail prices.				
Red Clover60	bs.		6	2
Sapling "60	66		6	4
Alfalfa "60	64	*****	6	6
White Dutch "	61		13	
Alsike "60	66		13	
Timothy45	46		ĩ	4
Red Top14	01		-	5
Orchard Grass14	46		2	
Blue Grass, Extra Clean14	60		2	
English Lawn Grass14	66	******		8
Hungarian "48	96		-	5
Millet	41			5
German Millet50	66			6
Meadow Fescue24	44	******	3	
Sugar Cane Seed	66	******	2	
Broom Corn "50	66		2	
	64	*****	2	
Osage Orange33	66	*****	4	0
Castor Beans46	44	*****	2	
Cow Peas 60	66	*****	1	4
Hemp Seed, Prepared44	56	*****	3	
Buckwheat52		*****	1	2
Barley48	66	*****		7
St. Charles White Corn56	66	*****		7
Galena Yellow "56	64	*****		7
Pop "50	66		2	1
Red Rust-proof Oats32	6.6			8
Black "32	64	*****		4
Rve 56	66			6
Flax56	44		2	1 5
Top Onions28	44		_	_
Yellow Onion Sets, Measured			1	5
White " " "	,			(
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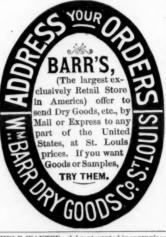
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At the Standard Bayliss & Kennedy's Bright Lights are presenting an excellent entertain-ment. Pat Rooney and company return April 6th.

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